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DE LATERIBVS ET ANGVLIS TRIangulorum, tum planorum rectilineorum, tum Sphæricorum, libellus eruditissimus & utilissimus, cum ad plerasque Ptolemæi demonstrationes intelligendas, tum uero ad alia multa, scriptus à Clarissimo & doctissimo uiro D. Nicolao Copernico Toronensi.

Additus est Canon semissium subtensarum rectarum linearum in Circulo.

Excusum Vittembergæ per Iohannem Lufft.
Anno M. D. XLII.

Joannis Brosii 1618
Frauenburgi Prussiae

Mathes. 416.

Has artes teneris annis ſtudioſa Iuuentus
Diſcito, Menſuras quæ numeroſq; docent.
Premia nanque feres ſuſcepti magna laboris,
Ad cœlum monſtrant hæc tibi ſcripta uiam.
Qua patet immenſis ſpaciis pulcherrimus orbis,
Si metas horum cernere mente uoles.
Sidera uel quanam cœli regione uagentur,
AEterni curſus quas habeantq; uices.
Cur Luna inuoluat cæca caligine fratrem,
Cur Lunæ uſuram lucis & ille neget
Venturos etiam caſus quæ fata gubernent
Quas populis clades aſtra inimica ferant
Hęc ſi noſſe uoles, prius eſt doctrina tenenda,
Quam breuirer tradunt hæc elementa tibi.
Cunq; hominũ mentes, quæ cœlo ſemina ducunt,
Errent a patria ſede domoq; procul,
Hæc doctrina ipſas terrena mole ſolutas
Cœleſti reduces rurſus in arce locat.

Cim. Qu. 5443

Bibl. Jag.

DOCTRINA ET VIRTVTE PRAESTANTI

Georgio Hartmano Noribergensi, Ioachimus Rheticus S. D.

CVM rerum humanarum inconstantiam, uarios casus summorum uirorum, regnorum mutationes considero, cum in cæteris rebus imbecillitatem humani generis deploro, tum uero maxime doleo etiam in artes diuinitus humano generi traditas fata temporum seuire. Olim studia frequentissima Mathematum fuerunt, tota ars ex fundamentis mira solertia, Deo monstrante initia & regente artificum mentes, extructa est, magna lux, magnus honos huius doctrinæ fuit, Postea multis seculis iacuit obruta tenebris, fortasse eó quód in hac ultima mundi senecta orbis terrarum Barbarorum imperijs fato quodam oppressus est. Sed quia artes uitæ utiles, præcipua Dei dona sunt, res ipsa ostendit, non humana ope, sed quodam singulari Dei beneficio, utcunq; eas conseruari, & interdum rursus ceu flammam excitari, ne funditus intereant. Sed etiam cum restitutę sunt, prorsus accidit hominibus, quod aiunt Pythagoram dixisse de cœlestium motuum harmonia, qua ille quidem dixit effici dulcissimos sonos, sed non audiri eos, quia iam propter consuetudinem negligantur, ita surdi homines nec audiunt, nec tueri student artes diuinitus nobis redditas. Et ut cętera præsentia bona fastidimus, ita & hanc doctrinam, cum fruimur quotidianis beneficijs, leuiorem ducimus. Si deesset annorum enumeratio in historijs, in relligionibus, in foro, qnantæ essent in uita tenebræ. Si numerorum doctrinam non haberemus, infinita esset legitimorum cõtra-

ctuum conturbatio. Architectonica tota ex Geometria orta est, & sunt aliæ utilitates multæ in metiendis corporibus. Hæc beneficia cum sint in manibus fontes tum negliguntur, tum uero a multis superbe contemnuntur. Itaque magna gratia debetur bonis uiris, qui in tanto doctrinæ contemptu, sponte laborem suscipiunt. & sumptus faciunt, in his diuinis artibus excolendis & utilitatis publicę causa conseruandis. Cum autem nobis monumenta utilia istic tum edantur, tum adornentur, duxi hoc te munere uicissim ornandum esse, quod non dubito tibi gratissimum fore. Scis doctrinam Triangulorum maximos usus habere, cum in alijs geometricis materijs, tum uero pręcipue in Astronomia, ideoq; sæpe in eam Ptolemæus incurrit. Quare & hi qui Ptolemæum explicare conati sunt, multa de Triangulis commentati sunt. Et optarim extare ueteres Menelaum & Theodosium. Nunc recens prodijt lucubratio Regiomontani, sed multo ante quam hanc uidere potuit uir Clarissimus & doctissimus D. Nicolaus Copernicus, dum & in Ptolemæo illustrando, & in doctrina motuum tradenda elaborat, de Triangulis eruditissime scripsit. Scio tibi admirationi fore hoc scriptum, cum uidebis, quantas res, quàm artificiose complexus sit. Vt autem hoc tempore ederem, eò accidit, quia in enarratione Ptolemæi nobis opus fuit Triangulorum doctrina, tibiq; eò dedicaui, ut te prouocarem ad edenda, siqua in hoc genere habes, seu uetera, seu recentia. Huc accedit, quod audio amicitiam tibi Romæ fuisse cum autoris fratre. Sed tibi uiro doctissimo non minor est causa quam hæc ad amandum autorem, acerimum ipsius ingenium, & cum in cæteris artibus, tum maxime in doctrina cœlesti eruditio tanta ut ueteribus summis artificibus conferri possit. Ac gratulari huic ætati debemus, tantum artificem reliquum esse, qui studia aliquorum accendat & adiuuet. Mihi quidem iudico rem nullam humanam contigisse meliorem, quam talis uiri & doctoris consuetudinem. Ac si quid unquam mea opera

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in

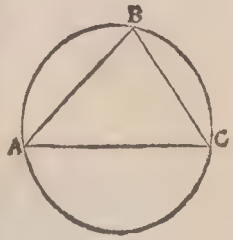
in hoc genere Reipublicæ profutura est, ad cuius utilitatem studia nostra referenda sunt, huic doctori acceptum referri uolo. Itaq; cum hanc lucubrationem & ingeniosissime scriptum esse sciam, & ego eam propter autoris memoriam magnifaciam, uelim te hoc munere magnopere delectari.

Bene vale.

DE LATERIBVS
ET ANGVLIS TRIANGVlorum planorum rectilineorum.

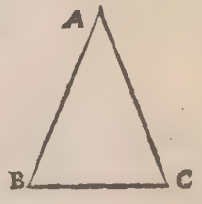
I.

RIANGVLI datorum angulorum dantur latera. Sit, inq̃, triangulum a b c, cui per quintum problema quarti Euclidis circumſcribatur Circulus. Erunt igitur & a b, b c, c a circunferentiæ datæ, eo modo, quo cccIx. partes ſunt duobus rectis æquales. Datis autem circumferentijs dantur etiam latera trianguli inſcripti circulo tanquam ſubtenſæ, per expoſitum Canonem, in partibus, quibus dimetiens aſſumpta eſt 2000000.



II.

Si uero cum aliquo angulorum duo trianguli latera fuerint data, & reliquum latus cum reliquis angulis cognoſcetur. Autenim latera data æqualia ſunt aut inæqualia, Sed angulus datus aut rectus eſt, aut acutus, uel obtuſus. Acrurſus latera data datum angulum uel comprehendunt, uel non comprehendunt. Sint ergo primum in triangulo a b c duo latera a b & a c data æqualia, quæ angulum a datum comprehendunt. Cæteri igitur, qui ad baſim b c cum ſint æquales, etiam dantur, uti dimidia reſidui ipſius a, è duobus rectis. Et ſi qui circa baſim angulus primitus fuerit datus, datur mox ipſi compar, atque ex his duorum rectorum reliquus. Sed datorum angulorum trianguli dantur latera, datur & ipſa b c baſis, ex Canone in partibus quibus a b uel a c tanquam ex centro fuerit 1000000. partium ſiue demetiens 2000000. partium.

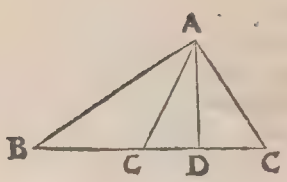


III.

Quod ſi angulus, qui ſub b a c rectus fuerit datis cõprehenſus laterib⁹, idem eueniet. Quoniam liquidiſsimũ eſt, q̃ quę ex a b & a c fiunt quadrata, æqualia ſunt ei, quod a baſi b c, datur ergo longitudine b c, & ipſa latera inuicem ratione

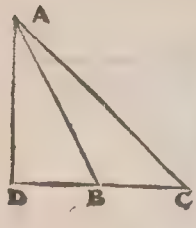
tione. Sed ſegmentũ circuli quod orthogonũ ſuſcipit triangulum, ſemicirculus eſt, cuius b c baſis dimetiens fuerit. Quibus igitur b c partibus fuerit 2000000. dabuntur a b & a c, tanquam ſubtendentes reliquos angulos b c. Quos idcirco ratio Canonis patefaciet in partibus, quibus cccl x ſunt duobus rectis æquales. Idem eueniet, ſi b c fuerit datum cum altero rectum angulum comprehendentium, quod iam liquide conſtare arbitror.

IIII.



Sit iam datus, qui ſub a b c angulus acutus, datis etiam comprehenſus lateribus a b & b c, & ex a ſigno deſcendat perpendicularis ad b c productam ſi oportuerit, prout intra uel extra triangulum cadat, quæ ſit a d, per quam diſcernuntur duo orthogonij a b d & a d c, & qm̃ in a b d dantur anguli, nam d rectus & b per hypotheſim. Dantur ergo a d & b d tanquam ſubtendentes angulos a & b in partibus, quibus a b eſt 2000000. dimetiens circuli per canonem. Et eadem ratione qua a b dabatur longitudine, dantur a d & b d ſimiliter, datur etiam c d, qua b c & b d ſe inuicem excedunt. Igitur & in triangulo rectangulo a d c datis lateribus a d & c d, datur latus quæſitum a c & angulus a c d per precedentem demonſtrationem.

V.



Nec aliter eueniet, ſi b angulus fuerit obtuſus, quoniam ex a ſigno in b c extenſam rectam lineam perpendicularis acta a d, efficit triangulum a b d datorum angulorum. Nam a b d angulus exterior ipſi a b c datur, & d rectus. dantur ergo b d & a d in partibus, quibus a b fuerit 2000000. Et quoniam b a & b c rationem habent inuicem datam, datur ergo & a b earundem partium, quibus b d ac tota c b d. Idcirco & in triangulo rectangulo a d c, cum data ſint duo latera a d & c d, datur etiam a c quæſitum, & angulus b a c cum reliquo a c b, qui quærebatur.

VI.

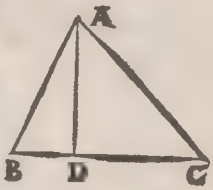
Sit iam alterutrum datorum laterum ſubtendens angu-

lum

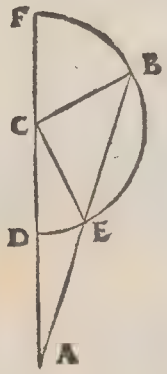
lum b datum, quod sit a c cum a b, datur ergo per Canonem a c in partibus, quibus est dimetiens circuli circumscribentis triangulum a b c partium 2000000. & pro ratione data ipsius a c, ad a b, datur in similibus partibus a b, atque per canonem, qui sub a c b angulus cum reliquo b a c angulo, per quem etiam c b subtensa datur, qua ratione data, dantur quomodolibet magnitudine.

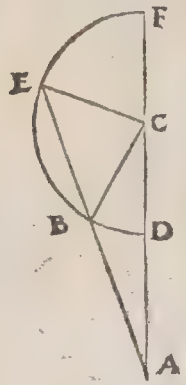
VII.

Datis omnibus trianguli lateribus dantur anguli. De Isopleuro notius est, quam ut indicetur, quod singuli eius anguli trientem obtineant duorum rectorum. In Isosceli bus quoq; perspicuum est. Nam æqualia latera ad tertium sunt, sicut dimidia diametri ad subtendentem circumferentiam, per quem datur angulus æqualibus comprehensus lateribus ex Canone, quibus circa centrum ccclx sunt quatuor rectis æquales, deinde cæteri anguli qui ad basim etiam dantur è duobus rectis tanquam dimidia. Superest ergo nunc & in scalenis triangulis id demonstrari, quos similiter in orthogonios partiemur. Sit ergo triangulum scalenum datorum laterum a b c, & ad latus, quod longissimum fuerit, utputa b c, descendat perpendicularis a d. Admonet aũt nos xiij. secundi Euclidis q̃ a b latus quod acutum subtendit angulum minus sit potestate cæteris duobus lateribus, in eo quod fit sub b c & c d bis. Nam acutum angulum c esse oportet, euenietalioqui & a b longissimum esse latus contra hypothesim, quod ex xvij. primi Euclidis & duabus sequentibus licet animaduertere. Dantur ergo b d & d c, & erunt orthogonia a b d & a d c datorum laterum & angulorum, ut iam sæpius est repetitum, quibus etiam constant anguli trianguli a b c quæsiti.



Aliter. Itidem commodius forsitan penultima tertij Euclidis nobis exhibebit, si per breuius latus, quod sit b c facto c centro, interuallo autem b c, descripserimus circulum, qui ambo latera quæ supersunt, uel alterum eorum secabit. Secet modo utrumq; a b in e signo & a c





in d porrecta etiam linea a d c in f ſignum ad complendum diametrum d c f. His ita præſtructis manifeſtum eſt ex illo Euclideo præcepto. Quoniam quod ſub f a d ęquale eſt ei, quod ſub b a e, cum ſit utrunq; æquale quadrato lineæ quæ ex a circulum contingit. Sed tota a f data eſt, cum ſint omnia ipſius ſegmenta data, nempe c f, c d, æqualia ipſi b c, quæ ſunt ex centro ad circumcurrentem, & a d qua c a ipſam c d excedit. Quapropter & quod ſub b a e datum eſt, & ipſa a e longitudine cum reliqua b e ſubtendente circumferentiam b e, Connexa e c, habebimus triangulum b c e Iſoſceles datorum laterum. Datur ergo angulus e b e. Hinc & in triangulo a b c reliqui anguli c & a per præcedentia cognoſcentur. Non ſecet autem circulus ipſam a b, ut in ſequenti figura, ubi a b in conuexam circumferentiam cadit, erit nihilominus b e data, & in triangulo b c e Iſoſcele angulus c b e datus, & exterior, qui ſub a b c. ac eodem prorſus argumento demonſtrationis quo prius dantur anguli reliqui.

Et hæc de triangulis rectilineis dicta ſufficiant, in quibus magna pars Geodeſiæ conſiſtit. Nunc ad Sphærica conuertamur.

DE

DE TRIANGVLIS SPHAERICIS.

TRIangulum conuexum hoc loco accipimus eum, qui tribus maximorum circulorum circumferentijs in superficie Sphærica cõtinetur. Angulorum uero differentiam & magnitudinem penes circumferentiam maximi circuli, qui in puncto sectionis tanq̃ polo describitur, quamque circumferentiam circulorum quadrantes angulum comprehendentes interceperunt. Nam qualis est circumferentia sic intercepta ad totam circumcurrentem, talis est angulus sectionis ad quatuor rectos, quos diximus cccl x. partes æquales continere. I.

Si fuerint tres circumferentiæ maximorum circulorum sphæræ, quarum duæ quælibet simul iunctę, tertia fuerint longiores, ex his triangulum componi posse sphæricum perspicuum est. Nam quod hic de circumferentijs proponitur, xxiij. vndecimi libri Euclidis demonstrat de angulis, cum sit eadem ratio angulorum & circumferentiarum, & circuli maximi sunt qui per centrum sphæræ, patet, ꝙ tres illi circulorũ sectores, quorũ sunt circumferentiæ, apud centrum sphærę angulum constituunt solidum. Manifestum est ergo quod proponitur.

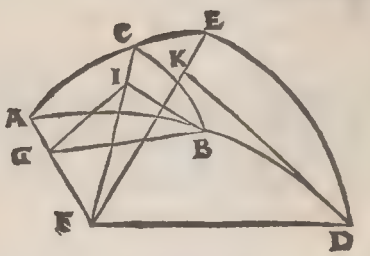
II.

Quamlibet circumferentiam trianguli hemicyclio minorem esse oportet. Hemicyclium enim nullum angulum circa centrum efficit, sed in lineam rectam procumbit. At reliqui duo anguli, quorum sunt circumferentiæ, solidum in centro concludere nequeunt. Proinde neque triangulum sphæricum. Et hanc fuisse causam arbitror, cur Ptolemęus in huiusce generis triangulorum explanatione, præsertim circa figuram sectoris sphærici protestetur, ne assumptæ circumferentię semicirculo maiores existant. III.

IN Triangulis Sphæricis rectum habentibus angulum, subtendens duplum lateris, quod recto opponitur

angulo, ad ſubtenſam duplo alterius rectum angulum cõprehendentium, eſt, ſicut dimetiens Sphærę ad eam, quæ duplum anguli ſub reliquo & primo lateribus comprehenſi in maximo Sphæræ circulo ſubtendit.

Eſto nanque triangulum Sphęricum a b c, cuius c angulus rectus exiſtat. Dico quod ſubtenſa dupli a b ad ſubtenſam dupli b c eſt ſicut dimetiens Sphæræ, ad eam quæ in maximo circulo duplum anguli b a c ſubtendit. Facto in a polo, deſcribatur circumferentia maximi circuli d e, & compleantur quadrantes circulorum a b d & a c e. Et ex centro Sphæræ f agantur comunes circulurum ſectiones f a ipſorum a b d & a c e, ipſorum autem a c e & d e ſit f e, atque f d ipſorum a b d & d e. Inſuper & f c circulorum a c & b c. Deinde ad angulos rectos agantur b g ipſi f a, b i ipſi f c, & d k ipſi f e, & connectatur g i.



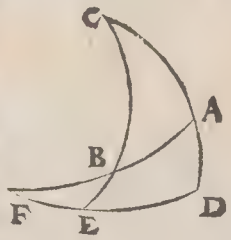
Quoniam igitur ſi circulus circulum per polos ſecat, ad angulos rectos ipſum ſecat, erit angulus qui ſub a e d comprehenditur rectus, & a c b per hypotheſim, & utrumq; planum e d f, & b c f rectum ad ipſum a e f. Quapropter ſi ex ſigno ipſi f k e communi ſegmento ad rectos angulos in ſubiecto plano recta linea excitaretur, comprehendet quoq; cum k d angulum rectum, per rectorum ad inuicem planorum definitionem. Quapropter etiam ipſa k d per iiij. vndecimi Euclidis ad a e f recta eſt. Ac eadem ratione b i ad idem planum erigitur, & idcirco adinuicem ſunt d k & b i per vi. eiuſdem. Verum etiam g b, ad f d, eo q; f g b, & g f d anguli ſunt recti, erit per x. undecimi Euclidis, angulus f d K ipſi g b i æqualis. At qui ſub f k d rectus eſt, & g i b per definitionem erectæ lineæ. Similium igitur triangulorum proportionalia ſunt latera, & ut d f ad b g, ſic d k ad b i. At b i eſt dimidia ſubtendentis duplum c b circumferentiam, quoniam ad angulum rectum eſt, ad eam, quæ ex centro f, & eadem ratione b g

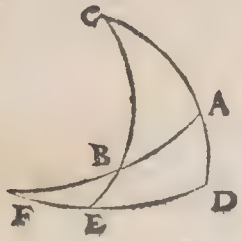
dimidia

dimidia ſubtendentis duplum latus b a, & d k ſemiſsis ſubtendentis duplam d e, ſiue angulum dupli a, atque d f dimidia diametri ſphæræ. Patet igitur quod ſubtenſa dupli ipſius a b, ad ſubtenſam dupli b c, eſt ſicut dimetiens ad eam quæ duplum anguli a ſiue interceptę circumferentię d e ſubtendit, quod demonſtraſſe fuerit opportunum.

IIII.

In quocunque triangulo rectum angulum habente, alius inſuper angulus fuerit datus, cum quolibet latere, reliquus etiam angulus cum reliquis lateribus dabitur. Sit enim triangulum a b c habens angulum a rectum, & cum ipſo etiam alterutrum utputa b datum. De latere uero dato trifariam ponimus diuiſionem, aut enim fuerit, qui datis adiacet angulis, ut a b, aut recto tantum, ut a c, aut qui opponitur recto, ut b c. Sit ergo primum a b latus datum, & facto in c polo deſcribatur circumferentia maximi circuli d e, & completis quadrantibus c a d & c b e, producantur a b & d e donec ſe inuicem ſecent in f ſigno. Erit ergo uiciſsim in f polus ipſius c a d, eo cp circa a & d ſunt anguli recti. Et quoniam ſi in ſphæra maximi orbes ad rectos ſeſe inuicem ſecuerint angulos, bifariam & per polos ſe iuuicem ſecant. Sunt ergo & a b f & d e f quadrantes circulorum, cumcp data ſit a b, datur & reliqua quadrantis b f, & angulus e b f ad uerticem ipſi a b c dato æqualis. Sed per præcedentem demonſtrationem ſubtenſa dupli b f ad ſubtendentem dupli e f, eſt ſicut dimetiens ſphæræ ad ſubtendentem duplum anguli e b f. Sed tres earum datæ ſunt, dimetiens ſphæræ, duplę b f, atcp anguli dupli e b f, ſiue ſemiſſes ipſorum. Datur ergo per xvi. ſexti Euclidis etiam dimidia ſubtendentis duplam e f per canonem ipſa e f circumferentia, & reliqua quadrantis d e, ſiue angulus c quæſitus. Eodem modo ac uiciſsim ſunt ſubtenſæ duplicium d e ad a b, & e b c ad c b. Sed tres iam datæ ſunt d e, a b, & e b c quadrantes circuli, datur ergo & quarta ſubtendens duplum c b, & ipſum latus c b quæſitum. Et quoniam ſubtenſæ duplicium ſunt ipſo-





rum c b ad c a, & b f ad e f. Quoniam utrorũq; sunt rationes sicuti dimetientis sphæræ ad subtensam duplo c b a angulo, & quæ vni eædem sunt rationes, sibi inuicem sunt eædem. Tribus iam igitur datis b f e f & c b datur quarta c a, & ipsum c a tertium latus trianguli a b c. Sit iam a c latus assumptum in datis, propositumq; sit inuenire a b & b c latera, cum reliquo angulo c, habebit rursum permutatim subtensa dupli c a ad subtensam dupli c b eandem rationem, quam subtendens duplum a b c angulum ad dimetientem, quibus c b latus datur & reliqua a d & b e ex quadrantibus circulorum. Ita rursus habebimus ut subtensam dupli a d ad subtensam dupli b e, sic subtensam dupli a b f, & est dimetiens, ad subtensam dupli b f. Datur ergo b f circumferentia, quodq; superest a b latus. Simili ratione ut in præcedentibus ex subtendentibus dupla b c, a b & f b e, datur subtensa dupli d e, siue angulus c reliquus. Porro si b c fuerit in assumpto, dabitur rursus ut antea a c & reliquæ a d & b e, quibus per subtensas rectas lineas, & diametro, ut sæpe dictum, datur b f circumferentia & reliquũ a b latus, ac subinde iuxta p̃cedens Theorema, per b c, a b, & c b e datas proditur e d circumferentia, angulus videlicet c reliquus, quem quærebamus. Sicq; rursus in triangulo a b c duobus angulis a & b, datis, quorum a rectus existit cum aliquo trium laterum datus est angulus tertius cum reliquis duobus lateribus, quod erat demonstrandum.

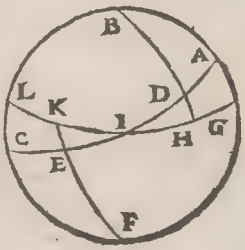
V.

Trianguli datorum angulorũ, quorum aliquis rectus fuerit, dantur latera. Manente adhuc præcedente figura, vbi propter angulum e datum, datur d e circumferentia, & reliqua e f ex quadrante circuli. Et quoniam b e f est angulus rectus, eo quod b e descendit à polo ipsius d e f, & qui sub e b f angulus, est ad uerticem dato. Triangulum igitur b e f rectum angulũ e habens, & insuper b datum cum latere e f, datorũ est angulorum & laterum per Theorema præcedens, datur ergo b f, & reliqua ex quadrante a b, ac itidem in triangulo a b c reliqua latera a c & b c dari per præcedentia demonstratur.

Si

VI.

Si in eadem ſphæra bina triangula rectum angulum ac inſuper alium ęqualem habuerint, alterũ alteri, unumq; latus vni lateri æquale, ſiue quod æqualib⁹ adiacet angulis, ſiue quod alterutro æqualium angulorum opponitur, reliqua quoq; latera, reliquis lateribus, æqualia alterum alteri, ac angulum angulo, reliquum reliquo æqualem habebunt. Sit hemiſpherium a b c, in quo ſuſcipiantur bina triangula a b d & c e f, quorum anguli a & c ſint recti, & præterea angulus a d b æqualis ipſi c e f, vnumq; latus uni lateri, & primum quod æqualibus ipſis adiacet angulis, hoc eſt, a d ipſi c e. Aio latus quoq; a b lateri c f, & b d ipſi e f, ac reliquum angulum a b d reliquo c f e, eſſe æqualia. Sumptis enim in b & f polis, deſcribantur maximorum circulorũ quadrantes g h i & i k l, compleanturq; a d i & c e i, quos ſeinuicem ſecare neceſſe eſt in polo hemiſpherij, qui ſit in i ſigno, eo quod anguli circa a & c ſunt recti, atq; quod g h i & c e i per polos ipſius a b c circuli ſunt deſcripti. Quoniam igitur a d & c e aſſumuntur latera æqualia, erunt igitur reliquæ d i & i e æquales circumferentiæ, & anguli i d h & i e k ſunt enim ad verticem poſiti aſſumptorum ęqualium, & qui circa h & k ſunt recti, & quæ vni ſunt eædem rationes inter ſe ſunt eædem, erit par ratio ſubtenſæ dupli i d, ad ſubtenſam dupli i k, cum ſit vtraq; per tertiũ præcedens, ſicut dimetientis ſphæræ ad ſubtendentem duplum angulum i d h, ſiue æqualem dupli, qui ſub i e k. Et per xiiij. quinti Elementorum Euclidis, cũ ſit ſubtendens duplam d i circumferentiam, ęqualis ei, quæ duplam i e ſubtendit, erunt quoque duplicibus ſubtenſæ i k & h i æquales, & quemadmodum in circulis ęqualib⁹ ęquales rectę lineę circũferentias auferunt ęquales, & partes eodem modo multiplicium in eadem ſunt ratione, erunt ipſæ ſimplices i h & i k circumferentiæ æquales, ac reliquæ quadrantium g h & k l, quibus conſtant anguli b & f æquales. Quapropter eadem quoq; ratio eſt ſubtenſæ duplicis a d ad ſubtenſam duplicis b d, atq; ſubtenſæ dupli c e ad ſubtenſam dupli b d, quæ ſubtenſæ duplicis e c ad ſubtenſam duplicis e f. Vtraq;



Vtraque enim est, ut subtendentis duplam h g siue ęqualem ipsi k l ad subtensam duplicis b d h, hoc est dimetientis per iij. Theorema conuersim, & a d est æqualis ipsi c e. Ergo per xiiij. quinti elementorum Euclidis b d ęqualis est ipsi e f per subtensas ipsis duplicibus rectas lineas. Eodem modo per b d & e f æquales, demonstrabimus reliqua latera & angulos æquales. Ac uicissim si a b & c f assumantur æqualia latera, eandem sequentur rationis identitatem.

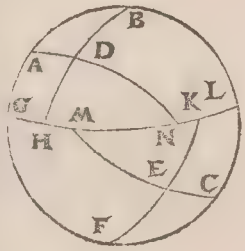
VII.

Iam quoque si non fuerit angulus rectus, dummodo latus quod æqualibus adiacet angulis alterum alteri æquale fuerit, itidem demonstrabitur. Quemadmodum si binorum triangulorum a b d & c e f, duo anguli b & d utcunq; fuerint æquales duobus angulis e & f, alter alteri, latus quoq; b d, quod adiacet æqualibus angulis, lateri e f ęquale. Dico rursus æquilatera & æquiangula esse ipsa triangula. Susceptis enim denuo polis in b & f, describantur maximorum circulorum circumferentiæ g h & k l. Et productæ a d & g h se secent in n, atque e c & l k similiter productę in m. Quoniam igitur bina triangula h d n & e k m angulos h d n & k e m habent æquales, qui sunt ad uerticem assumptis æqualibus, & qui circa h & k sunt recti per polos sectione, latera etiam d h & e k æqualia. AEquiangula sunt ergo ipsa triangula & æquilatera per præcedentem demonstrationem. Ac rursus quia g h & k l sunt æquales circumferentiæ propter angulos b & f positos æquales. Tota ergo g h n toti m k l æqualis per axioma additionis æqualium. Sunt igitur & hic bina triangula a g n & m c l habentia unum latus g n ęquale uni m l, angulum quoque a n g æqualem c m l, atque g & l rectos. Erunt ob id ipsa quoque triangula æqualium laterum & angulorum. Cum igitur æqualia ab æqualibus sublata fuerint, relinquentur æqualia a d ipsi c e, a b ipsi c f, atque b a d angulus reliquo e c f angulo. Quod erat demonstrandum.

Adhuc

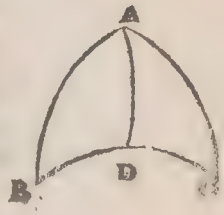
VIII.

Adhuc autem si bina triangula, duo latera duobus lateribus æqualia habuerint, alterum alteri, & angulum angulo æqualem, siue quem latera æqualia comprehendunt, siue qui ad basim fuerit, basim quoque basi, ac reliquos angulos reliquis habebunt æquales. Vt in præcedenti figura, sit latus a b æquale lateri c f, & a d ipsi c e. Ac primum angulus a, ęqualibus cõprehensus lateribus angulo c. Dico basim quoq; b d, basi e f, & angulum b ipsi f, & reliquum b d a reliquo c e f esse æqualia. Habebimus enim bina triangula a g n & c l m, quorum anguli g & l sunt recti, atq; g a n ęqualem ipsi m c l, q reliqui sunt ęqualium, b a d & e c f. AEquiangula igitur sunt inuicem & æquilatera ipsa triangula. Quapropter ex æqualibus a d & c e relinquuntur etiam d n & m e æqualia. Sed iam patuit angulum qui sub d n h æqualem esse ei qui sub e m k, & qui circa h k sunt recti, erunt quoq; bina triangula d h n & e m k æqualium inuicem angulorum & laterum, é quibus etiam b d relinquetur æquale ipsi e f, & g h ipsi k l, quibus sunt b & f anguli æquales, ac reliqui a d b & f e c æquales. Quod si pro lateribus a d & e c assumantur bases b d & e f æquales, æqualibus angulis obiecti, residentibus cęteris eodem modo demonstrabuntur, quoniam per angulos g a n & m c l ęquales exteriores, & g c rectos, atq; a g ipsi c l, habebimus itidem bina triangula a g n & m c l, quæ prius ęqualium inuicem angulorum & laterum. Illa quoq; particularia d n h & m e k similiter propter h & k angulos rectos, & d n h, k m e æquales, atq; d h & e k latera æqualia, quę reliqua sunt quadrantium, é quibus eadem sequuntur, quæ diximus.

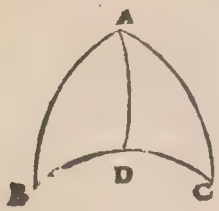


IX.

Isoscelium in Sphæra triangulorum, qui ad basim anguli, sunt sibi inuicem æquales. Esto triangulum a b c, cuius duo latera a b & a c sint æqualia. Ab a vertice descendat maximus orbis, qui secet basim ad angulos rectos, hoc est, per polos, sitq; a d. Cum igitur binorum triangulorum a b d & a d c latus b a sit æquale lateri a c,



C &



& a d vtriq; cõmune & anguli, qui circa d recti, patet per præcedentem demonstrationem, q; anguli qui sub a b c & a c b sunt æquales, quod erat demonstrandum. Porisma, hinc sequitur, q; quæ per verticem trianguli Isoscelis circumferentia ad angulos rectos cadit in basim, basim simul & angulum æqualibus comprehensum lateribus, bifariam secabit, & è conuerso, quod constat per hanc præcedentem demonstrationem.

X.

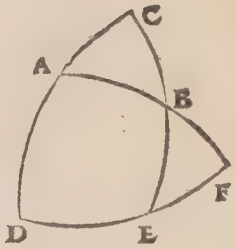
Bina quælibet triangula in eadem Sphæra æqualia latera habentia alterum alteri, æquales etiam angulos habebunt alterum alteri sigillatim. Quoniam enim trina vtrobique maximorum circulorum segmenta, pyramides cõstituunt fastigia habentes in centro sphæræ, bases autem triangula, quæ sub rectis lineis circumferentias trangulorum connexorum subtendentibus plana continentur, suntq; illæ pyramides similes & æquales, per definitionem æqualium similium solidarum figurarum. Ratio autem similitudinis est, ut angulos quocunq; modo susceptos, habeant adinuicem ęqualem alterum alterius, habebunt ergo angulos ipsa triangula æquales inuicem, & præsertim, qui generalius definiunt similitudinem figurarum, eas esse uolunt, quæcumq; similes habent declinationes, ac in eisdem angulos sibi inuicem æquales. E quibus manifestum esse puto, quod in sphæra triangula, quæ inuicem ęquilatera sunt, similia esse, ut in planis.

XI.

Omne triangulum, cuius duo latera fuerint data cum aliquo angulo, datorum efficitur angulorum & laterum. Nam si latera data fuerint æqualia, erunt qui ad basim anguli æquales, & deducta à vertice ad basim circumferentia ad angulos rectos, facile patebunt quæsita per porisma nonæ. Sin autem fuerint data latera inæqualia, ut in triangulo a b c, cuius angulus a sit datus, cum binis lateribus, quæ uel comprehendunt datum angulum, uel non

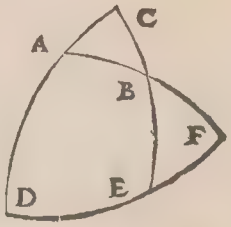
com-

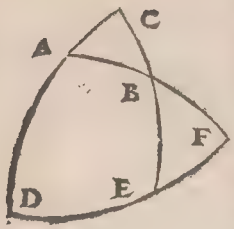
comprehendunt. Sint ergo primum comprehendentes ipsum a b & a c data latera, & facto in c polo describatur circumferentia maximi circuli d e f, & compleantur quadrantes c a d & c b e, atq; a b productum secet d e in f signo. Ita quoq; in triangulo a d f datur a d latus reliquum quadrantis ex a c. Angulus etiam b a d ex c a b ad duos rectos. Nam eadem est ratio angulorum atq; dimensio, qui rectarum linearum ac planorum sectione contingunt, & d angulus est rectus. Igitur per quartam huius erit ipsum triangulum a d f datorum angulorum & laterum. Ac rursus trianguli b e f inuentus est angulus f, & e rectus per polum sectione, latus quoq; b f, quo tota a b f excedit a b. Erit ergo per idem Theorema & b e f triangulum datorum angulorum & laterum. Vnde ex b e datur b c reliquum quadrantis & latus quæsitum, & ex e f reliquum totius d e f, quod d e, & est angulus c, atq; per angulum qui sub e b f, is qui ad verticem a b c quæsitus. Quod si loco a b assumatur c b, quod dato oppo nitur angulo, idem eueniet. Dantur enim reliqua quadrantium a d & b e, atq; eodem argumento duo triangula a d f & b e f datorum angulorum & laterum, ut prius, è quibus triangulum a b c propositum datorum fit laterum & angulorum, quod intendebatur.



XII.

Adhuc autem si duo anguli vtcunque dati fuerint cum aliquo latere, eadem euenient. Manente enim præstructione figuræ prioris, sint trianguli a b c, duo anguli a c b & b a c dati cum latere a c, quod vtrique adiacet angulo. Porro si alter angulorum datorum rectus fuisset, poterant cætera omnia per quartum precedens ratiocinando consequi. Hoc autem differre uolumus, quo minus sint recti. Erit igitur a d reliqua quadrantis ex a c d, & qui sub b a d angulus residuus ipsius b a c, è duobus rectis, atque d rectus. Igitur trianguli a f d per quartam huius dantur anguli cum lateribus.

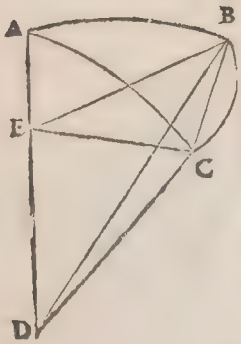




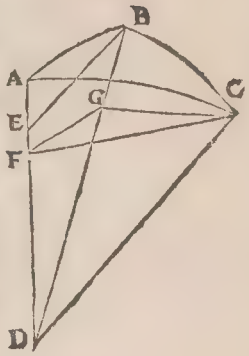
Ac per c angulum datum, datur d e circumferentia, & reliqua e f atq; b e f rectus, & f angulus communis vtriq; triangulo. Dantur itidem per quartam huius b e & b f, quibus cætera constabunt latera a b & b c quæsita. Cæterum si alter angulorum datorum lateri dato oppositus fuerit, ut puta, si a b c angulus detur, loco eius q̃ sub a c b remanentibus cæteris, constabit eadem demonstratione totum a d f triangulum datis angulis & lateribus, ac particulare b e f triangulum similiter, quoniam propter angulum f vtriq; communem, & e b f qui ad verticem est dato, & e rectum cuncta etiam latera eius dari in præcedentibus demonstratur, é quibus tandem sequuntur eadem quæ diximus. Sunt enim hæc omnia mutuo semper nexu colligata, atq; perpetuo, vti formam Globi decet.

XIII.

Trianguli demum datis omnibus lateribus dantur anguli. Sint trianguli a b c omnia latera data, aio omnes quoq; angulos inueniri. Aut enim triangulum ipsum latera habebit æqualia, vel minime. Sint ergo primum æqualia a b, a c. Manifestum est, quod etiam semisses subtendentium dupla ipsorum æquales erunt. Sint ipsæ b e, c e, quæ se inuicem secabunt in e signo, propter æqualem earum distantiam à centro sphæræ in sectione circulorum communi d e, quod patet per iiij. definitionem tertij Euclidis, & eius conuersionem. Sed per iij. eiusdem libri propositionem d e b angulus rectus est in a b d plano, & d e c similiter in plano a c d. Igitur angulus b e c est angulus inclinationis ipsorum planorum per iij. definitionem vndecimi Euclidis, quem hoc modo inueniemus. Cum n. subtensa fuerit rectæ a linea b c, habebimus triangulum rectilineum b e c datorũ laterum p datas illorũ circumferentias, fiet etiam da torum angulorum, & angulum b e c habebimus quęsitũ, hoc est, b a c sphęricũ, & reliquos per præcedentia. Quod si scalenon fuerit triangulum, vt in secunda figura, manifestum est, quod rectarum sub ipsis duplis semisses linearum minime se tangent. Quoniam si a c circumferentia maior fuerit

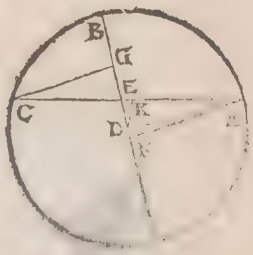


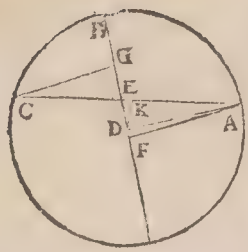
fuerit ipsi a b, sub ipsa ac duplicata semissis, quæ sit c f, cadet inferius. Sin minor superior erit, prout accidit tales lineas propinquiores remotioresq; fieri à centro per xv. tertij Euclidis. Tunc autem ipsi b e parallelus agatur f g, quæ secet ipsam b d communem circulorum sectionem in g signo, & connectatur c g. Manifestum est igitur, quod e f g angulus est rectus, nempe æqualis ipsi a e b, atq; e f c dimidia subtensa existente c f dupli ipsius a c etiam rectus. Erit igitur c f g angulus sectionis ipsorum a b a c circulorum, quem idcirco etiam assequimur. Nam d f ad f g est, sicut d e ad e b, similes enim sunt d f g & d e b trianguli. Ac in eadem ratione est etiam d g ad d b, dabitur etiam ipsa d g in partibus quibus est d c 100000. Quinetiam qui sub g d c angulus, datus est per b c circumferentiam. Ergo per secundam planorum datur g c latus in eisdem partibus, quibus reliqua latera trianguli g f c plani, igitur per vltimam planorum habebimus g f c angulum, hoc est, b a c sphæricum quæsitum, ac deinde reliquos per xi. sphæricorum percipiemus.



XIIII.

Si data circumferentia circuli secetur vtcumq;, ut vtrumq; segmentorum sit minus semicirculo, & ratio dimidiæ subtendentis vnius segmenti, ad dimidium subtendentis duplum alterius data fuerit, dabũtur etiam ipsorum segmentorum circumferentiæ. Detur enim circumferentia a b c, circa d centrum, quæ utcunq; secetur in b signo, ita tamen ut segmenta sint semicirculo minora, fuerit autem ratio dimidiæ sub duplo a b ad dimidiam sub duplo b c aliquo modo in longitudine data, aio etiam a b & b c dari circumferentias. Subtendatur enim a c recta, quam secet dimetiens in e signo, à terminis autem a c perpendiculares cadant ad ipsum dimetientẽ, quæ sint a f, c g, quas oportet esse semissis sub duplis a b & b c. Triangulorũ igitur a e f & c e g rectangulorũ anguli, qui ad e verticem sunt æquales, & ipsi propterea trianguli æquianguli ac similes, habent latera proportionalia æquales angulos respicientia. Vt a f ad

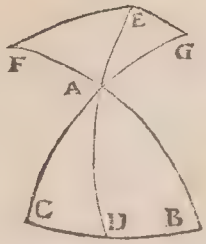




c g, ſic a e ad e c. Quibus igitur numeris a f vel g c data fuerint, habebimus in iiſdem a e & e c, dabitur ex his tota a e c in eiſdem. Sed ipſa ſubtendens a b c cicumferentiam datur in partibus, quibus quę ex centro d e b, quibus etiam ipſius a c dimidia a k, & reliqua e k. Coniungantur d a & d k, quæ etiam dabuntur in eiſdem partibus, quibus d b, tanquam ſemiſsis ſubtendentis reliquum ſegmentum ipſius a b c à ſemicirculo, comprehenſum ſub angulo d a k & angulus igitur a d k datur comprehendens, dimidiam a b c circumferentiam. Sed & trianguli duobus lateribus datis & angulo e k d recto, dabitur etiam e d k, hinc totus ſub e d a angulus comprehendens a b circumferentiam, qua etiam reliqua c b conſtabit, quorum expetebatur demonſtratio.

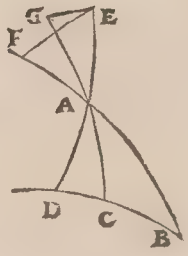
XV.

Trianguli datis omnibus angulis, etiam nullo recto, dantur omnia latera. Eſto triangulum a b c, cuius omnes anguli ſint dati, nullus autem eorum rectus. Aio omnia quoque latera eius dari. Ab aliquo enim angulorum ut a deſcendat per polos ipſius b c circumferentia a d, quæ ſecabit ipſum b c ad angulos rectos, ipſaq; a d cadet in triangulum, niſi alter angulorum b uel c ad baſim obtuſus eſſet, & alter acutus, quod ſi accideret, ab ipſo obtuſo deducendus eſſet ad baſim. Completis igitur quadrantibus b a f, c a g, d a e, factisq; polis in b c, deſcribantur circumferentiæ e f, e g. Erunt igitur & circa f g anguli recti. Triangulorum igitur rectum angulum habentium erit ratio dimidiæ quæ ſub duplo a e, ad dimidiam ſub duplo e f, quæ dimidia diametri ſphæræ ad dimidiam ſubtendentis duplum anguli e a f. Similiter in triangulo a e g angulum rectum habente g, ſemiſsis quæ ſub duplo a e ad ſemiſſem, quæ ſub duplo e g, eandem habebit rationē, quam dimidia diametri ſphæræ ad dimidiam, quæ duplum anguli e a g ſubtendit. Per æquam igitur rationem dimidia ſub duplo e f ad dimidiam ſub duplo e g ratio-



nem

nem habebit, quam ſemiſsis ſub duplo angulo e a f ad ſemiſſem ſub duplo anguli e a g. Et quoniam & f e, e g circumferentiæ datę ſunt, ſunt enim reſidua, quibus anguli a & b differunt à rectis. Habebimus ergo ex his rationem angulorum e a f & e a g, hoc eſt, b a d ad c a d, qui illis ad verticem ſunt, datos. Totus autem b a c datus eſt. Per præcedens igitur Theorema etiam b a d & c a d anguli dabuntur.



Deinde per quintum, latera a b, b c, a c, c d, totumq; b c aſſequemur.

FINIS.

CANONS VBTENSARVM IN CIRCVLO RECTARVM LINEARVM.

CANON SVBTENSARVM

	0		1		2		3		4		
1	2509	2909	177783	2608	351702	2907	526261	2905	700467		59
2	5819		180341		354309		529170		703369		58
3	8727		182950		357716		532077		706270		57
4	11636		186159		360523		534980		709172		56
5	14544		189066		363530		537384		712073		55
6	17453		191975		366437		540789		714975		54
7	20362		194883		369344		543694		717675	2901	53
8	23271		197792		372251		546598		720777		52
9	26180		200700		375158		549503	2904	723673		51
10	29088		203608		378064		552407		726579		50
11	31997		206517		380971		555312		729480		49
12	34906		209425		383878		558216		732381		48
13	37815		212333		386785		561120		735282		47
14	40724		215241		389692		564024		738183		46
15	43632		218149		392598		566928		741084		45
16	46541		221057		395505		569832		743985		44
17	49450		223965		398412		572736		746886		43
18	52359		226873		401318		575940		749787		42
19	55263		229781		404225		578544		752688	2900	41
20	58177		232685		407131		581448		755588		40
21	61086		235597		410038		584352		758489		39
22	63995		238505		412944		587256		761389		38
23	66904		241413		415851		590160		764290		37
24	69813		244321		418757		593064		767180		36
25	72721		247229		421663		595967		770090		35
26	75630		250137		424570		598871		772991		34
27	78539		253045		427476		601775		775891		33
28	81448		255953		430382		604678		778791		32
29	84357		258861		433288		607582		781691		31
30	87265		261765		436194		610485		784591		30
	89		88		87		86		85		

	0		1		2		3		4		
31	90174	2909	264677	2908	439100	2906	513389		787491		29
32	93083		267585		442006		516292		790391		28
33	95992		270493		444912		519196		793291		27
34	98901		273401		447818		622099	2903	796191		26
35	101809		276308		450724		625002		799090		25
36	104718		279216		453630		527905		801990		24
37	107627		282124		456536		630808		804889		23
38	110536		285032		459442		633711		807789		22
39	113445		287940		462348		536614		810688		21
40	116353		290847		465253		639517		813587		20
41	119262		293755		468159		642420		816486	2899	19
42	122171		296663		471065		645323		819385		18
43	125079		299570		473970		648226		822284		17
44	127988		302478		476876		651129		825183		16
45	130896		305385		479781		654031		828082		15
46	133805		308293		482687		556934		830981		14
47	136714		311200		485592		659837		833880		13
48	139622		314108		488498		662739		836778		12
49	142531		317015		491403		665642		839677		11
50	145439		319922		494308		668544		842575		10
51	148348		322830		497214		671447		845474		9
52	5257		325737		500119		674349		848372		8
53	154165		328645		503024		677251	2902	851271		7
54	157074		331552		505929		680153		854169	2898	6
55	159982		334459		508834		683055		857067		5
56	162891		337367		511740		685957		859965		4
57	165799		340274		514645	2905	688859		862863		3
58	168708		343181		517550		691761		865761		2
59	171616		346088		520455		694663		868659		1
60	174529		348995		523360		697565		871557		0
	89		88		87		86		85		

CANON SVBTENSARVM

	5		6		7		8		9		
1	187445		1048178		1221580	2887	1394612		1567215		59
2	187553		1051071		1224467		1397492		1570091		58
3	188025		1053964		1227354		1400373		1572964		57
4	188348		1056857		1230231		1403253		1575837		56
5	188604		1059749		1233128		1406133		1578705		55
6	188943		1062642	2892	1236015		1409013		1581581	2872	54
7	189180		1065534		1238901		1411893		1584453		53
8	189473		1068426		1241788		1414772		1587325		52
9	189763	2897	1071318		1244674	2886	1417652		1590197		51
10	190053		1074210		1247560		1420531	2879	1593069		50
11	190348		1077102		1250446		1423410		1595941		49
12	190635		1079994		1253332		1426289		1598812		48
13	190922		1082886		1256218		1429168		1601684	2871	47
14	191219		1085778		1259104		1432047		1604555		46
15	191516		1088669		1261990		1434926		1607426		45
16	191813		1091561		1264876		1437805		1610297		44
17	192109		1094452		1267791		1440684		1613168	2870	43
18	192406	2896	1097344	2891	1270647		1443562		1616038		42
19	192702		1100235		1273532	2885	1446441	2878	1618909		41
20	192998		1103126		1276417		1449319		1621779		40
21	193295		1106017		1279302		1452197		1624649		39
22	193591		1108908		1282187		1455075		1627519		38
23	193887		1111799		1285072		1457953		1630389		37
24	194183		1114690	2890	1287957		1460831		1633259		36
25	194479		1117580		1290841		1463708		1636129		35
26	194675		1118471		1293726		1466586	2877	1638999		34
27	194971		1123361		1296610	2884	1469463		1641868		33
28	195267		1126252		1299494		1472340		1644738		32
29	195563		1129142		1302378		1475217		1647607		31
30	195858		1132032		1305262		1478094		1650476	2869	30
	84		83		82		81		80		

	5		6		7		8		9		
31	961354	2895	1134922		1308146		1480971		1653345		29
32	964249		1137812		1311030		1483848		1656214	2868	28
33	967144		1140702		1313914		1486724		1659082		27
34	970039		1143592		1316798		1489601	2876	1661951		26
35	972934		1146482		1319681	2883	1492477		1664819		25
36	975825		1149372		1322564		1495353		1667687		24
37	978724		1152261		1325447		1498229		1670555		23
38	981619		1155151		1328330		1501105		1673423		22
39	984514		1158040		1331213		1503981		1676291		21
40	987409		1160929	2889	1334096		1506857		1679159		20
41	990303		1163818		1336979		1509733		1682027	2867	19
42	993198		1166707		1339862		1512608		1684894		18
43	996092		1169596		1342744		1515484	2875	1687761		17
44	998987		1172485		1345627		1518359		1690628		16
45	1001881	2894	1175374		1348509		1521234		1693495		15
46	1004775		1178263		1351392	2882	1524109		1696362		14
47	1007669		1181151		1354274		1526984		1699229		13
48	1010563		1184040		1357156		1529856		1702095		12
49	1013457		1186928	2888	1360038		1532734	2874	1704962		11
50	1016351		1189816		1362920		1535608		1707828	2866	10
51	1019245		1192704		1365802	2881	1538482		1710694		9
52	1022139		1195592		1368683		1541356		1713560		8
53	1025032		1198480		1371564		1544230		1716426		7
54	1027926		1201368		1374446		1547104		1719292		6
55	1030819		1204255		1377327		1549978		1722157	2865	5
56	1033713	2893	1207143		1380208		1552852		1725022		4
57	1036606		1210031		1383089		1555725		1727887		3
58	1039499		1212918		1385970		1558599	2873	1730752		2
59	1042392		1215806		1388851	2880	1561472		1733617		1
60	1045285		1218693		1391731		1564345		1736482		0
	84		83		82		81		80		

CANON SVBTENSARVM

	10		11		12		13		14		
1	1739347	2864	1910945	2855	2081962		2252345		2422041	2822	59
2	1742211		1913800		2084807		2255179		2424863		58
3	1745075		1916655		2087652		2258013		2427685		57
4	1747935		1919510		2090497		2260847	2833	2430507	2821	56
5	1750803		1922365		2093342	2844	2263680		2433329		55
6	1753667		1925220	2854	2096185		2266512		2436150		54
7	1756531	2863	1928074		2099030		2269346		2438971		53
8	1759394		1930928		2101874		2272179		2441792		52
9	1762258		1933782		2104718		2275012	2832	2444613		51
10	1765121		1936636	2853	2107562	2843	2277844		2447434	2820	50
11	1767984		1939490		2110405		2280676		2450254		49
12	1770847		1942344		2113248		2283508		2453074		48
13	1773710		1945197		2116091		2286340		2455894		47
14	1776573		1948050		2118934		2289463	2831	2458714		46
1	1779437		1950903		2121777		2292004		2461533	2819	45
16	1782298	2862	1953756		2124620		2294835		2464352		44
17	1785160		1956609		2127462	2842	2297666		2467171		43
18	1788022		1959462	2852	2130304		2300497		2469990		42
19	1790884		1962314		2133146		2303328		2472809		41
20	1793746		1965166		2135988		2306159	2830	2475628	2818	40
21	1796608		1968018		2138830	2841	2308989		2478445		39
22	1799469	2861	1970870		2141671		2311819		2481264		38
23	1802331		1973722	2851	2144512		2314649		2484082		37
24	1805192		1976574		2147353		2317479		2486900	2817	36
25	1808053	2860	1979425		2150194		2320309		2489717		35
26	1810914		1982276		2153035		2323138	2829	2492534		34
27	1813774		1985127		2155876	2840	2325967		2493351		33
28	1816634		1987979	2850	2158716		2328799		2498168		32
29	1819495		1990829		2161556		2331625		2500984	2816	31
30	1822355		1993679		2164396		2334454	2828	2503800		30
	79		78		77		76		75		

	10		11		12		13		14		
31	1825215		1996530		2167236		2337282		2506616		29
32	1828073		1999380		2170076		2340110		2509432		28
33	1830935		2002230		2172916	2839	2342938		2512248		27
34	1833795		2005080		2175755		2345766		2515064		26
35	1836684	2859	2007930		2178594		2348594	2827	2517879	2815	25
36	1839513		2010780		2181433		2351421		2520694		24
37	1842372		2013629	2849	2184272		2354248		2523509		23
38	1845231		2016478		2187111	2838	2357075		2526324	2814	22
39	1848090		2019327		2189949		2359902		2529136		21
40	1850949		2022176		2192787		2362729		2531953		20
41	1853808	2858	2025025		2195625	2837	2365555	2826	2544766		19
42	1856666		2027874		2198463		2368381		2547580		18
43	1859524		2030722	2848	2201300		2371207		2540391	2813	17
44	1862382		2033570		2204137		2374033		2543206		16
45	1865240		2036418		2206974		2376859	2825	2546019		15
46	1868098		2039266		2209811		2379684		2548832		14
47	1870956	2857	2042114		2212648		2382589		2551645		13
48	1873811		2044962	2847	2215485		2385334		2554458	2812	12
49	1876670		2047809		2218322	2836	2388159		2557270		11
50	1879527		2050656		2221158		2390983		2560082		10
51	1882384		2053503		2223994		2393806	2824	2562894		9
52	1885241		2056350		2226830		2396632		2565706	2811	8
53	1888098	2856	2059197	2846	2229666		2399456		2568517		9
54	1890954		2062043		2232502	2835	2402285		2571328		7
55	1893810		2064889		2235337		2405104		2574139		5
56	1896666		2077735		2238172		2407927	2823	2576950	2810	4
57	1899522		2070581		2241007		2410750		2579760		3
58	1902378		2073427		2243842		2413573		2582570		2
59	1905234		2076272	2845	2246677	2834	2416396		2585380		1
60	1908090		2079117		2249511		2419219		2588190		0
	79		78		77		76		75		

CANON SVBTENSARVM

	15		16		17		18		19		
1	2591000	2309	2759169		2926499	1	3092936	6	3258432		59
2	2593809		2761965		2929280		3095702		3261182		58
3	2596618		2764761	5	2932061		3098468		3263931		57
4	2599427		2767556		2934842		3101234	5	3266681		56
5	2602236		2770351		2937623	2780	3103999		3269430	2749	55
6	2605045	8	2773146		2940403		3106764		3272179		54
7	2607853		2775941	4	2943183		3109529		3274927		53
8	2610661		2778735		2945963		3112294	4	3277675	8	52
9	2613469		2781529		2948743		3115058		3280423		51
10	2616277	7	2784323		2951523		3117822		3283171	7	50
11	2619084		2787117	3	2954302	2779	3120586	3	3285918		49
12	2621891		2789911		2957081		3123349		3288665		48
13	2624698		2792704		2959860		3126112		3291412		47
14	2627505		2795497		2962638	8	3128875		3294159		46
15	2630312	6	2798290		2965416		3131638	2	3296906	6	45
16	2633118		2801082	2	2968194		3134400		3299652		44
17	2635924		2803874		2970972		3137162		3302398		43
18	2638730		2806666		2973750	7	3139924		3305144	5	42
19	2641536		2809458		2976527		3142686		3307889		41
20	2644342	5	2812250	1	2979305	6	3145448	1	3310634		40
21	2647147		2815041		2982081		3148209		3313379	4	39
22	2649952		2817832		2984857		3150970		3316123		38
23	2652757		2820623		2987633		3153731	2860	3318867		37
24	2655562	4	2823414	2790	2990409		3156491		3321611		36
25	2658366		2826204		2993185	5	3159251		3324355	3	35
26	2661170		2828994		2995960		3162011	2759	3327098		34
27	2663974	3	2831784		2998735		3164770		3329841		33
28	2666777		2834574		3001510	4	3167529		3332585	2	32
29	2669580		2837364	2789	3004284		3170288		3335327		31
30	2672383		2840153		3007058		3173047	8	3338069		30
	74		73		72		71		70		

	15		16		17		18		19		
											30
	31267518 6		2842942		3009832		3175805		3340811		29
	32267798 9		2845731		3012606		3178563		3343553	1	28
	33268079 2		2848520	5	3015380	3	3181321		3346294		27
59											
58											
57											
56	34 2683595	2	2851308		3018153		3184079		3349035		26
55	35 2686397		2854096		3020926		3186837	7	3351776	2740	25
54	36 2689199		2856884		3023699		3189594		3354516		24
53	37 2692001	1	2859672	7	3026472	2	3192351		3357256		23
52	38 2694802		2862459		3029244		3195108	6	3359996		22
51	39 2697603		2865246		3032016		3197864		3362736	2739	21
50	40 2700404		2868033		3034788	1	3200620	5	3365475		20
49	41 2703205	2800	2870819	6	3037559		3203375		3368214		19
48	42 2706005		2873905		3040330		3206130		3370953		18
47	43 2708805		2876391		3043101		3208885		3373691	8	17
46	44 2711605	2799	2879177		3045872	2770	3211640		3376429		16
45	45 2714405		2881963	5	3048643		3214395		3379167		15
44	46 2717204		2884748		3051413		3217150	4	3381905	7	14
43	47 2720003		2887533		3054183		3219904		3384642		13
42	48 2722802		2890318		3056953		3222658		3387379		12
41	49 2725601	8	2893103		3059723	2769	3225412	3	3339116	6	11
40	50 2728400		2895888	4	3062492		3228165		3392852		10
39	51 2731198		2898672		3065261		3230918		3395588		9
38	52 2733996		2901456		3068030		3233671	2	3398324		8
37	53 2736794	7	2904240	3	3070798	8	3236423		3401060	5	7
36	54 2739592		2907023		3073566		3239175		3403795		6
35	55 2742389		2909806		3076334		3241927		3406530		5
34	56 2745186		2912589	2	3079102	7	3244679	1	3409265	4	4
33	57 2747983		2915371		3081869		3247430		3411999		3
32	58 2750780		2918153		3084636		3250181	2750	3414733		2
31	59 2753577	6	2920935		3087403		3252932		3417467		1
30	60 2756373		2923717		3090170		3255682		3420201		0
	74		73		72		71		70		

CANON SVBTENSARVM

	20		21		22		23		24		
1	3422924	2733	3586395	5	3748763		3909989		4070023	7	59
2	3425667		3589110		3751460	6	3912666	7	4072680		58
3	3428400		3591825		3754156		3915343		4075337	6	57
4	3431133		3594540	4	3756852		3918020		4077993		56
5	3433865	2	3597254		3759548		3920696	6	4080649		55
6	3436597		3599968		3762243	5	3923372		4083305	5	54
7	3439329	1	3602682		3764938		3926048	5	4085960		53
8	3442060		3605395	3	3767633	4	3928723		4088615		52
9	3444791		3608108		3770327		3931398	4	4091269	4	51
10	3447522		3610821	2	3773021		3934072		4093923		50
11	3450253	2730	3613533		3775715	3	3936746		4096577		49
12	3452983		3616245		3778408		3939420	3	4099231	3	48
13	3455713		3618957		3781101		3942093		4101884		47
14	3458442	2729	3621669	1	3783794	2	3944766		4104537	2	46
15	3461171		3624380		3786486		3947439		4107189		45
16	3463900		3627091		3789178		3950112	2	4109841		44
17	3466629	8	3629802	2710	3791870		3952784		4112493	1	43
18	3469357		3632512		3794562	1	3955456		4115144		42
19	3472085		3635222		3797253		3958128	1	4117795		41
20	3474813	7	3637932		3799944		3960799		4120446	2650	40
21	3477540		3640642	2709	3802635	2690	3963470	2680	4123096		39
22	3480267		3643351		3805325		3966140		4125746		38
23	3482994		3646060		3808015	2689	3968810		4128395		37
24	3485724		3648768	8	3810704		3971480		4131044		36
25	3488447	6	3651476		3813393		3974149	2669	4133693	2549	35
26	3491173		3654184		3816082		3976818		4136341		34
27	3493899	5	3656892	7	3818771	8	3979487	8	4138989		33
28	3496624		3659599		3821459		3982155		4141637	8	32
29	3499349		3662306	6	3824147	7	3984823		4144284		31
30	3502075		4366501		3826834		3987491		4146932	7	30
	69		68		67		66		65		

	20		21		22		23		24		
31	3504799		3667718		3829521		3990159	7	4149579		29
32	3507523		3670424		3832208		3992826		4152226	6	28
33	3510247		3673130	5	3834895	6	3995493		4154872		27
34	3512971		3675835		3837581		3998157	6	4157518	5	26
35	3515694		3678541		3840267		4000825		4160163		25
36	3518417		3681246		3842953	5	4003491	5	4162808		24
37	3521140	2	3683951	4	3845638		4006156		4165453	4	23
38	3523862		3686655		3848323		4008821		4168097		22
39	3526584		3689359	3	3851008	4	4011486	4	4170741		21
40	3529306	1	3692062		3853692		4014150		4173385	3	20
41	3532027		3694765		3856376		4016814		4176028		19
42	3534748		3697468	2	3859060	3	4019478	3	4178671		18
43	3537469		3700170		3861743		4022141		4181313	2	17
44	3549190	2720	3702872		3864426		4024804		4183955		16
45	3542910		3705574		3867109	2	4027467		4186597		15
46	3545630		3708276	1	3869791		4030130	2	4189239	1	14
47	3548350		3710977		3872473		4032792		4191880		13
48	3551070		3713678		3875155		4035454	1	4194521		12
49	3553789	2719	3716379		3877837	1	4038115		4197162	2640	11
50	3556508		3719080	2700	3880518		4040776		4199802		10
51	3559227	8	3721780		3883195		4043437	2660	4202442		9
52	3561945		3724480		3885880	2680	4046097		4205081	2639	8
53	3564663	7	3727179	2699	3888560		4048757	2659	4207720		7
54	3567380		3729878		3891240	2679	4051416		4210359	8	6
55	3570097		3732577	8	3893919		4054075		4212997		5
56	3572814		3735275		3896598		4056734	8	4215635		4
57	3575531	6	3737973		3899277	8	4059392		4218273	7	3
58	3578247		3740671		3901955		4062050		4220910		2
59	3580963		3743369	7	3904633		4064708		4223547	6	1
60	3583679		3746066		3907311		4067366		4226183		0
	69		68		67		66		65		

CANON SVBTENSARVM

	25		26		27		28		29		
1	4228819	2636	4386326	2614	4542497	2591	4697284	2568	4850640	2544	59
2	4231455	5	4388940	4	4545088	1	4699852	8	4853184	3	58
3	4234090	5	4391554	4	4547679	1	4702415	7	4855727	3	57
4	4236725	5	4394167	3	4540270	2590	4704986	7	4858270	2	56
5	4239360	5	4397780	3	4552860	0	4707553	7	4860812	2	55
6	4241994	4	4399392	2	4555450	0	4710119	6	4863354	1	54
7	4244628	4	4402004	2	4558039	2589	4712685	6	4865895	1	53
8	4245272	4	4404616	2	4560628	9	4715250	5	4868436	1	52
9	4249895	3	4407227	1	4563216	8	4717815	5	4870977	2540	51
10	4252528	3	4409838	1	4565804	8	4720380	5	4873517	0	50
11	4255161	2	4412449	1	4568392	8	4722944	4	4876057	2539	49
12	4257793	2	4415059	2610	4570979	7	4725508	4	4878596	9	48
13	4260425	1	4417669	0	4573566	7	4728071	3	4881135	9	47
14	4263056	1	4420278	2609	4576153	7	4730634	3	4883674	8	46
15	4265687	1	4422887	9	4578739	6	4733197	3	4886212	8	45
16	4268318	1	4425496	9	4581325	6	4735759	2	4888750	7	44
17	4270949	2609	4428104	8	4583911	6	4738321	2	4891287	7	43
18	4273579	0	4430712	8	4586496	5	4740882	1	4893824	7	42
19	4276209	2629	4433320	8	4589081	5	4743443	1	4896361	6	41
20	4278838	9	4435927	7	4591665	4	4746004	2560	4898897	6	40
21	4281467	9	4438534	7	4594249	4	4748564	0	4901433	5	39
22	4274096	9	4441140	6	4596833	4	4751124	2559	4903968	5	38
23	4286724	8	4443746	6	4599416	3	4753683	9	4906503	4	37
24	4289352	8	4446352	6	4601999	3	4756242	9	4909037	4	36
25	4291979	7	4448957	5	4604581	2	4758801	8	4911571	4	35
26	4294606	7	4451562	5	4607163	2	4761359	8	4914105	3	34
27	4297233	7	4454167	5	4609744	1	4763917	7	4916638	3	33
28	4299859	6	4456771	4	4612325	1	4766474	7	4919171	2	32
39	4302485	6	4459375	4	4614906	1	4769031	7	4921703	2	31
30	4305111	6	4461978	3	4617486	2580	4771588	6	4924235	2	30
	64		63		62		61		60		

	25		26		27		28		29		
31	4307736	5	4464581	3	4620066	0	4774144	6	4926767	1	29
32	4310361	5	4467184	3	4622646	0	4776700	5	4929298	1	28
33	4312986	5	4469786	2	4625225	2579	4779255	5	4931829	2530	27
34	4315610	4	4472388	2	4627804	8	4781810	5	4934359	0	26
35	4318234	4	4474990	2	4630382	8	4784365	4	4936889	2529	25
36	4320858	4	4477591	1	4632960	8	4786919	4	4939418	9	24
37	4323481	3	4480192	1	4635538	7	4789473	3	4941947	9	23
38	4326104	3	4482792	2600	4638115	7	4792026	3	4944476	8	22
39	4328726	2	4485392	0	4640692	6	4794579	3	4947004	8	21
40	4331348	2	4487992	0	4643268	6	4797132	2	4949532	7	20
41	4333970	2	4490591	2599	4645844	6	4799684	2	4952059	7	19
42	4336591	1	4493190	9	4648420	5	4802236	1	4954586	7	18
43	4339212	1	4495788	8	4650995	5	4804787	1	4957113	6	17
44	4341833	1	4498386	8	4653570	5	4807338	2550	4959639	6	16
45	4344453	2620	4500984	8	4656145	4	4809888	0	4962165	5	15
46	4347073	0	4503582	8	4658719	4	4812438	0	4964690	5	14
47	4349693	0	4506179	7	4661293	3	4814988	2549	4967215	5	13
48	4352312	2619	4508776	7	4663866	3	4817537	9	4969740	4	12
49	4354931	9	4511372	6	4666439	3	4820086	9	4972264	4	11
50	4357549	8	4513968	6	4669012	2	4822635	8	4974788	3	10
51	4360167	8	4516563	5	4671584	2	4825183	8	4977311	3	9
52	4362785	8	4519158	5	4674150	1	4827731	7	4979834	2	8
53	4365402	7	4521753	5	4676727	1	4830278	7	4982356	2	7
54	4368019	7	4524347	4	4679298	1	4832825	6	4984878	1	6
55	4370635	6	4516941	4	4671869	2570	4835371	6	4987399	1	5
56	4373251	6	4529535	4	4684439	0	4837917	5	4989920	1	4
57	4375867	6	4532128	3	4687009	0	4840462	5	4992441	2520	3
58	4378482	5	4534721	3	4689578	2569	4843007	5	4994961	0	2
59	4381097	5	4537313	2	4692147	9	4845552	4	4997481	2519	1
60	4383712	5	4539905	2	4694716	9	4848096	4	5000000	9	0
	64		63		62		61		60		

CANON SVBTENSARVM

	30		31		32		33		34		
1	5002519	2519	5152874	2493	5301659	2466	5448829	2439	5594340	2411	59
2	5005038	8	5155367	2	5304125	6	5451261	9	5596751	2410	58
3	5007556	8	5157859	2	5306591	5	5453707	8	5599161	0	57
4	5010074	7	5160351	2	5309056	5	5456145	8	5601571	0	56
5	5012591	7	5162843	1	5311521	4	5458583	7	5603981	2409	55
6	5015108	6	5165334	1	5313985	4	5461020	6	5606390	8	54
7	5017624	6	5167825	2490	5316449	4	5463456	6	5608798	8	53
8	5020190	6	5170315	0	5318913	3	5465802	6	5611206	8	52
9	5022650	5	5172805	2489	5321376	3	5468328	5	5613614	7	51
10	5025171	5	5175294	9	5323839	2	5470763	5	5616021	6	50
11	5027686	4	5177783	8	5326301	2	5473198	4	5618427	6	49
12	5030200	4	5180271	8	5328763	1	5475632	4	5620833	6	48
13	5032714	3	5182759	7	5331224	1	5478066	3	5623239	5	47
14	5035227	3	5185246	7	5333685	2460	5480499	3	5625644	5	46
15	5037740	3	5187733	7	5336145	0	5482932	2	5628049	4	45
16	5040253	2	5190220	6	5338605	0	5485364	2	5630453	4	44
17	5042765	2	5192706	6	5341065	2459	5487796	2	5632857	3	43
18	5045277	1	5195192	5	5343524	9	5490228	1	5635260	3	42
19	5047788	1	5197667	5	5345983	8	5492659	1	5637663	3	41
20	5050299	2510	5200162	4	5348441	8	5495090	2430	5640066	2	40
21	5052809	0	5202646	4	5350898	7	5497520	0	5642468	1	39
22	5055319	0	5205130	4	5353355	7	5499950	2429	5644869	1	38
23	5057829	2509	5207614	3	5355812	6	5502379	9	5647270	2400	37
24	5060338	9	5210097	3	5358268	6	5504808	8	5649670	0	35
25	5062847	8	5212580	2	5360724	5	5507236	8	5652070	2399	35
26	5065355	8	5215062	2	5363179	5	5509664	7	5674469	9	34
27	5067863	7	5217544	1	5365634	4	5512091	7	5656868	8	33
28	5070370	7	5220025	1	5368088	4	5514518	6	5659266	8	32
29	5072877	7	5222506	2480	5370542	4	5516944	6	5661664	8	31
30	5075384	6	5224986	0	5372996	3	5519370	5	5664062	7	30
	56		58		57		56		55		

	30		31		32		33		34		
31	5077890	6	5227466	0	5375449	3	5521795	5	5666459	7	29
32	5080396	5	5229946	2479	5377902	2	5524220	5	5668856	6	28
33	5082901	5	5232425	9	5380354	2	5526645	4	5671252	9	27
34	5085406	5	5234904	8	5382806	2	5529069	4	5673648	5	26
35	5087911	4	5237382	8	5385258	1	5531491	3	5676043	5	25
36	5090415	4	5239860	7	5387709	2450	5533916	2	5678438	4	24
37	5092919	3	5242337	7	5390159	0	5536338	2	5680832	4	23
38	5095422	3	5244814	6	5392609	2449	5538760	2	5683226	3	22
39	5097925	2	5247290	6	5395058	9	5541182	1	5685619	3	21
40	5100427	2	5249766	5	5397507	8	5543603	1	5688012	2	20
41	5102929	1	5252241	5	5399955	8	5546024	2420	5690404	2	19
42	5105430	1	5254716	5	5402403	8	5548444	0	5692796	1	18
43	5107931	2500	5257191	4	5404851	7	5550864	2419	5695187	1	17
44	5110431	0	5259665	4	5407298	7	5553283	9	5697578	2390	16
45	5112931	0	5262139	3	5409745	6	5555702	8	5699968	0	15
46	5115431	2499	5264612	3	5412191	6	5558120	8	5702358	2389	14
47	5117930	9	5267085	2	5415637	5	5560538	8	5704747	9	13
48	5120429	8	5269557	2	5417082	5	5562956	7	5707136	8	12
49	5122927	8	5272029	2	5419527	5	5565373	7	5709524	8	11
50	5125425	7	5274501	1	5421972	4	5567790	6	5711912	7	10
51	5127922	7	5276972	1	5424416	3	5570206	6	5714269	7	9
52	5130419	7	5279443	2476	5426859	3	5572622	5	5716686	6	8
53	5132916	6	5281913	6	5429302	3	5575037	5	5719072	6	7
54	5135412	6	5284383	2469	5431745	2	5577452	4	5721458	6	6
55	5137908	5	5286852	9	5434187	2	5579866	4	5723844	5	5
56	5140403	5	5289321	9	5436629	1	5582280	3	5726229	4	4
57	5142898	5	5291789	8	5439070	2440	5584693	3	5728613	4	3
58	5145393	4	5294257	8	5441510	0	5587106	2	5730997	4	2
59	5147887	4	5296725	8	5443950	0	5589518	1	5733381	3	1
60	5150381	3	5299192	7	5446390	2439	5591929	1	5735764	3	0
	59		58		57		56		55		

CANON SVBTENSARVM

	35		36		37		3		59		
1	5738147	2382	5880205	2353	6020474	2323	6158907	2291	6295464	2260	59
2	5740529	2	5882558	2	6022796	2	6161198	1	6297724	2259	58
3	5742911	1	5884910	2	6025118	1	6163429	1	6299983	9	57
4	5745292	2,80	5887262	1	6027439	1	6165780	2290	6302242	9	56
5	5747672	0	5889613	1	6029760	2320	6168070	2289	6304501	8	55
6	5750052	0	5891964	2350	6032080	0	6170259	9	6306759	8	54
7	5752432	2371	5894314	0	6034400	2319	6172648	8	6309016	7	53
8	5754811	9	5896664	2349	6036719	9	6174936	8	6311273	6	52
9	5757190	8	5899013	8	6039038	9	6177224	8	6313529	5	51
10	5759568	8	5901361	8	6041357	8	6179512	7	6315784	5	50
11	5761946	7	5903709	7	6043675	7	6181799	6	6318039	4	49
12	5764323	7	5906056	7	6045992	7	6184085	6	6320293	4	48
13	5766700	6	5908403	7	6048309	6	6186371	5	6322547	3	47
14	5769076	6	5910750	9	6050625	5	6188656	4	6324800	3	46
15	5771452	5	5913096	9	6052940	5	6190940	4	6327053	2	45
16	5773827	5	5915442	5	6055255	5	6193224	4	6329305	2	44
17	5776202	4	5917787	5	6057570	4	6195508	3	6331557	1	43
18	5778576	4	5920132	4	6059884	4	6197791	3	6333808	1	42
19	5780950	4	5922476	4	6062198	3	6200074	2	6336059	1	41
20	5783324	3	5924820	3	6064511	3	6202356	2	6338310	2250	40
21	5785697	2	5927163	2	5066824	2	6204638	1	6340560	2249	39
22	5788069	2	5929505	2	6069136	2	6206919	2230	6342809	9	38
23	5790441	1	5931847	2	6071448	1	6209199	0	6345058	8	37
24	5792812	1	5934189	1	6073759	2310	6211479	2279	6347306	7	36
25	5795183	2379	5936530	1	6076069	0	6213758	9	6349553	7	35
26	5797553	0	5938871	2340	6078379	2309	6216037	8	6351800	6	34
27	5799923	2369	5941211	0	6080688	9	6218315	8	6354046	6	33
28	5802292	9	5943551	339	6082997	9	6220593	7	6356292	5	32
29	5804661	9	5945890	8	6085305	8	6222870	6	6358537	5	31
30	5807030	8	5948228	8	6087614	8	6225146	6	6360782	4	30
	54		53		52		51		50		

IN CIRCVLO RECTARVM LINEARVM

	35		36		37		38		39		
31	5809398	8	5950566	8	6089922	7	6227422	6	6363026	4	29
32	5811766	7	5952904	7	6092229	7	6229695	5	6365270	3	28
33	5814133	6	5955241	7	6094536	6	6231973	5	6367513	3	27
34	5816499	6	5957578	6	6096842	5	6234248	4	6369756	3	26
35	5818865	5	5959914	6	6099147	5	6236522	4	6371999	2	25
36	5821230	5	5962250	5	6091452	4	6238796	3	6374241	1	24
37	5823595	4	5964585	4	6103756	4	6241069	3	6376482	2240	23
38	5825959	4	5966919	4	6106060	4	6243342	2	6378722	0	22
39	5828323	4	5969253	3	6108364	3	6245614	1	6380962	2239	21
40	5830687	3	5971586	3	6110667	3	6247885	1	6383201	9	20
41	5833050	2	5973919	2	6112970	2	6250156	2270	6385440	8	19
42	5835412	2	5976251	2	6115272	1	6252426	0	6387678	8	18
43	5837774	2	5978583	2	6117573	2300	6254696	0	6389916	7	17
44	5840136	1	5980915	1	6119873	0	6256966	2269	6392153	7	16
45	5842497	1	5983246	1	6122173	0	6259235	8	6394390	6	15
46	5844858	2360	5985577	2230	6124473	2299	6261503	8	6396626	6	14
47	5847218	0	5987907	0	6126772	9	6263771	7	6398862	5	13
48	5849578	2359	5990237	2329	6129071	8	6266038	7	6401097	5	12
49	5851937	8	5992566	8	6131369	8	6268305	7	6403332	4	11
50	5854295	8	5994894	8	6133667	7	6270572	6	6405566	3	10
51	5856653	7	5997222	7	6135964	7	6272838	5	6407799	3	9
52	5859010	7	5999549	7	6138261	6	6275103	5	6410032	2	8
53	5861367	7	6001876	6	6140557	6	6277368	4	6412264	2	7
54	5863724	6	6004202	6	6143853	5	6279632	3	6414496	2	6
55	5866080	6	6006528	5	6145148	4	6281895	3	6416728	1	5
56	5868436	5	6008853	5	6147442	4	6284158	2	6418959	2230	4
57	5870791	4	6011178	4	6149736	4	6286420	2	6421185	0	3
58	5873145	4	6013502	4	6152030	3	6288682	1	6423419	2229	2
59	5875499	3	6015826	4	6154323	2	6290943	1	6425648	8	1
60	5877852	3	6018150	3	6156615	2	6293204	0	6427876	8	0
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CANON SVBTENSARVM

	40		41		42		43		44		
1	6430104	2227	6562785	2194	6693468	1	6822111	2126	6948676	1	59
2	6432331	7	6564975	4	6695625	2160	6824237	6	6950767	1	58
3	6434558	7	6567173	4	6697785	0	6826363	6	6952858	1	57
4	6436785	6	6569367	3	6699949	2159	6828489	5	6954949	2090	56
5	6439011	5	6571560	3	6702108	9	6830614	4	6957039	2089	55
6	6441236	5	6573753	2	6704267	8	6832738	3	6959128	8	54
7	6443461	4	6575945	1	6706425	7	6834861	3	6961216	8	53
8	6445685	4	6578135	2190	6708582	7	6836984	3	6963304	8	52
9	6447909	3	6580326	0	6710739	6	6839107	2	6965392	7	51
10	6450132	3	6582516	2189	6712895	6	6841229	1	6967479	6	50
11	6452355	2	6584705	9	6715051	5	6843350	1	6969565	6	49
12	6454577	2	6586894	8	6717206	5	6845471	2120	6971651	5	48
13	6456799	1	6589082	8	6719361	4	6847591	0	6973736	5	47
14	6459020	2220	6591270	8	6721515	3	6849711	2119	6975821	4	46
15	6461240	0	6593458	7	6723668	3	6851830	9	6977905	3	45
16	6463460	2219	6595645	6	6725821	2	6853949	8	6979988	3	44
17	6465679	9	6597831	5	6727973	2	6856067	7	6982071	2	43
18	6467898	8	6600016	5	6730125	1	6858184	7	6984153	2	42
19	6470116	7	6602201	5	6732276	1	6860301	6	6986235	1	41
20	6472333	7	6604386	4	6734427	2150	6862417	6	6988316	2080	40
21	6474550	6	6606570	3	6736577	2149	6864533	5	6990396	0	39
22	6476766	6	6608753	3	6738726	9	6866648	4	6992476	2079	38
23	6478982	6	6610936	2	6740875	9	6868762	4	6994555	9	37
24	6481198	5	6613118	2	6743024	8	6870876	3	6996634	8	36
25	6483413	5	6615300	1	6745172	7	6872989	3	6998712	7	35
26	6485628	4	6617481	2180	6747319	6	6875102	2	7000789	7	34
27	6487842	3	6619661	0	6749465	6	6877214	1	7002866	6	33
28	6490055	3	6621841	0	6751611	6	6879325	1	7004942	6	32
29	6492268	2	6624021	2179	6753757	5	6881436	2110	7007018	5	31
30	6494480	2	6626200	9	6755902	5	6883546	0	7009093	4	30
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	40		41		42		43		44		
31	6496692	1	5623375	8	6758047	4	6885656	2109	7011167	4	29
32	6498903	1	5630557	7	6760191	3	6887765	9	7013241	3	28
33	6501114	2210	5632734	7	6762334	3	6888974	8	7015314	3	27
34	6503324	2209	5634911	6	6764477	2	6891982	7	7017387	2	26
35	6505533	9	5637087	6	6766619	1	6894089	7	7019459	1	25
36	6507742	8	5639263	5	6768760	1	6896196	6	7021530	1	24
37	6509950	8	5641438	4	6770901	2140	6898302	6	7023601	2070	23
38	6512158	7	5643612	4	6773041	0	6900408	5	7025671	0	22
39	6514365	7	5645786	3	6775181	2139	6902513	4	7027741	2069	21
40	6516572	6	5647959	3	6777320	9	6904617	4	7029810	9	20
41	6518778	6	5650132	2	6779459	8	6906721	3	7031879	8	19
42	6520984	5	5652304	2	6781597	7	6908824	3	7033947	7	18
43	6523189	5	5654476	1	6783734	7	6910927	2	7036014	7	17
44	6525394	4	5656647	2170	6785871	6	6913029	2	7038081	6	16
45	6527598	3	5658817	0	6788007	6	6915131	1	7040147	6	15
46	6529801	3	5660987	2169	6790143	5	6917232	2100	7042213	5	14
47	6532004	2	5663156	9	6792278	5	6919332	0	7044278	4	13
48	6534206	2	5665325	8	6794413	4	6921432	2099	7046342	4	12
49	6536408	1	5667493	8	6796547	4	6923531	9	7048406	3	11
50	6538609	2200	5669661	7	6798681	3	6925630	8	7050469	3	10
51	6540809	0	5671828	6	6800814	2	6927728	7	7052532	2	9
52	6543009	2199	5673994	6	6802946	2	6929825	7	7054594	1	8
53	6545208	9	5676160	6	6805078	1	6931922	6	7056655	1	7
54	6547407	9	5678326	5	6807209	1	6934018	6	7058716	2060	6
55	6549606	8	5680491	4	6809340	2130	6936114	5	7060776	0	5
56	6551804	7	5682655	3	6811470	2129	6938209	4	7062836	2059	4
57	6554001	7	5684818	3	6813599	9	6940303	4	7064895	8	3
58	6556198	6	5686981	3	6815728	8	6942397	4	7069653	8	2
59	6558394	6	5689144	2	6817856	8	6944491	3	7069911	7	1
60	6560590	5	5691306	2	6819984	7	6946584	2	7071068	7	0
	49		48		47		46		45		

CANON SVBTENSARVM

	45		46		47		48		49		
1	7073125	2057	7195418	2020	7315521	3	7433394	5	7549004	7	59
2	7075181	7	7197438	2019	7317504	2	7435335	5	7550911	7	58
3	7077236	6	7199457	9	7319486	2	7437284	5	7552818	6	57
4	7079291	5	7201476	8	7321469	1	7439225	4	7554724	6	56
5	7081348	4	7203494	7	7323449	1980	7441173	3	7556630	5	55
6	7083399	3	7205511	6	7325429	0	7443116	2	7558537	4	54
7	7085452	2	7207527	6	7327409	1979	7445059	2	7560439	4	53
8	7087504	2	7209543	6	7329388	9	7447000	1	7562343	3	52
9	7089556	1	7211559	5	7331367	8	7448941	1	7564246	2	51
10	7091607	1	7213574	4	7333345	7	7450882	1940	7566148	2	50
11	7093658	2050	7215588	3	7335322	6	7452822	1939	7568050	1	49
12	7095708	2049	7217601	3	7337298	6	7454761	8	7569951	1900	48
13	7097757	9	7219614	3	7339274	6	7456699	8	7571851	0	47
14	7099806	8	7221627	2	7341250	5	7458637	7	7573751	1899	46
15	7101854	8	7223639	2	7343225	4	7460574	7	7575650	8	45
16	7103902	7	7225651	1	7345199	4	7462511	6	7577548	8	44
17	7105949	6	7227662	2010	7347173	3	7464447	5	7579446	7	43
18	7107995	6	7229672	2009	7349146	2	7466382	5	7581343	7	42
19	7110041	5	7231681	8	7351118	2	7468317	4	7583240	6	41
20	7112086	5	7233689	8	7353090	1	7470251	3	7585136	5	40
21	7114131	4	7235697	7	7355061	0	7472184	3	7587031	4	39
22	7116175	3	7237704	7	7357031	1970	7474117	2	7588925	4	38
23	7118218	3	7239711	7	7359001	1969	7476049	2	7590819	4	37
24	7120261	2	7241718	6	7360970	9	7477981	1	7592713	3	36
25	7122303	1	7243724	5	7362939	8	7479912	1930	7594606	2	35
26	7124344	1	7245729	4	7364907	7	7481842	1929	7596498	1	34
27	7126385	2040	7247733	4	7366874	7	7483771	9	7598389	1	33
28	7128425	0	7249737	4	7368841	6	7485700	9	7600280	0	32
29	7130465	2039	7251741	3	7370807	6	7487629	8	7602170	1890	31
30	7132504	9	7253744	2	7372773	5	7489557	7	7604060	1889	30
	44		43		42		41		40		

	45		46		47		48		49		
31	7134543	2033	7255746	1	7374738	4	7491484	0	7605949	8	29
32	7136581	7	7257747	1	7376702	4	7493410	6	7607837	8	28
33	7138618	7	7259748	1	7378666	3	7495336	6	7609725	7	27
34	7140655	6	7261749	2000	7380629	3	7497262	5	7611612	6	26
35	7142691	6	7263749	1999	7382592	2	7499187	4	7613498	6	25
36	7144727	5	7265749	8	7384554	1	7501111	3	7615384	5	24
37	7146762	4	7267746	8	7386515	1960	7503034	3	7617269	4	23
38	7148796	4	7269744	7	7388475	0	7504957	2	7619153	4	22
39	7150830	3	7271741	6	7390435	1959	7506879	2	7621037	3	21
40	7152863	2	7273737	6	7392394	9	7508801	1	7622920	2	20
41	7154895	2	7275733	5	7394353	8	7510722	1920	7624802	1	19
42	7156927	1	7277728	4	7396311	7	7512642	1919	7626683	1	18
43	7158958	1	7279722	4	7398268	7	7514561	9	7628564	1	17
44	7160989	0	7281716	4	7400225	6	7516480	8	7630445	1880	16
45	7163019	2030	7283710	3	7402181	6	7518398	8	7632325	1879	15
46	7165049	2029	7285703	2	7404137	5	7520316	7	7634204	8	14
47	7167078	8	7287695	2	7406092	4	7522233	6	7636082	8	13
48	7169106	8	7289687	1	7408046	4	7524149	6	7637960	8	12
49	7171134	7	7291678	1990	7410000	3	7526065	5	7639838	7	11
50	7173161	6	7293668	0	7411953	2	7527980	4	7641715	6	10
51	7175187	6	7295658	1989	7413905	1	7529894	4	7643591	5	9
52	7177213	5	7297647	8	7415856	1	7531808	3	7645465	5	8
53	7179238	5	7299635	8	7417807	1	7533721	3	7647341	4	7
54	7181263	4	7301623	7	7419758	1950	7535634	2	7649215	3	6
55	7183287	3	7303610	7	7421709	1949	7537546	1	7651088	3	5
56	7185310	3	7305597	6	7423657	8	7539457	0	7652961	2	4
57	7187333	2	7307583	5	7425605	8	7541367	0	7654833	1	3
58	7189355	2	7309568	5	7427553	8	7543277	1910	7656704	1	2
59	7191377	1	7311553	4	7429501	7	7545187	1909	7658575	1870	1
60	7193398	0	7313537	4	7431448	8	7547076	8	7660445	1869	0
	44		43		42		41		40		

CANON SVBTENSARVM

	50		51		52		53		54		
1	7662314	1869	7773290	1830	7881893	1790	7988105	1750	8091879	8	59
2	7664185	8	7775120	1829	7883688	1789	7989855	1749	8093588	8	58
3	7666051	8	7776949	8	7885477	9	7991604	8	8095295	8	57
4	7667919	7	7778777	8	7887265	8	7993352	8	8097004	7	56
5	7669786	6	7780605	7	7889054	7	7995100	7	8098711	6	55
6	7671652	5	7782432	6	7890841	6	7996847	6	8100417	5	54
7	7673517	5	7784258	6	7892627	6	7998593	6	8102122	5	53
8	7675382	4	7786084	5	7894413	5	8000339	5	8104827	4	52
9	7677246	4	7787909	4	7896198	5	8002084	4	8105531	3	51
10	7679110	3	7789733	4	7897983	4	8003828	3	8107234	2	50
11	7680973	2	7791557	3	7899767	3	8005571	3	8108936	2	49
12	7682835	2	7793380	2	7901550	2	8007314	2	8110638	1	48
13	7684687	1	7795202	2	7903332	2	8009056	1	8112339	1	47
14	7686558	1860	7797024	1	7905114	1	8010797	1	8114040	1700	46
15	7688418	0	7798845	1820	7906895	1	8012538	1740	8115740	1699	45
16	7690278	1859	7800665	0	7908676	1780	8014278	1739	8117439	8	44
17	7692137	9	7802485	1819	7910456	1779	8016017	9	8119137	8	43
18	7693995	8	7804304	9	7912235	9	8017756	8	8120835	7	42
19	7695853	8	7806123	8	7914014	8	8019494	8	8122532	7	41
20	7697710	7	7809941	7	7915792	7	8021232	7	8124229	6	40
21	7699566	6	7809758	6	7917569	6	8022969	6	8125925	5	39
22	7701422	5	7812574	6	7919345	6	8024705	5	8127620	4	38
23	7703277	5	7813390	5	7921121	5	8026440	5	8129314	4	37
24	7705132	4	7815205	5	7922896	5	8028175	4	8131008	3	36
25	7706986	3	7817020	4	7924671	4	8029909	3	8132701	2	35
26	7708839	3	7818834	3	7926445	3	8031642	3	8134393	1	34
27	7710692	2	7820647	2	7928218	2	8033375	2	8136084	1	33
28	7712544	1	7822459	2	7929990	2	8035107	1	8137775	1690	32
29	7714395	1	7824271	1	7931762	1	8036838	1	8139465	0	31
30	7716246	1850	7826082	1810	7933533	1770	8038569	1730	8141155	1689	30
	39		38		37		36		35		

	50		51		52		53		54		
31	7718096	1849	7827892	1810	7935303	1770	8040299	1729	8142844	8	29
32	7719945	9	7829762	1809	7937073	1769	8042028	9	8144532	8	28
33	7721794	8	7831511	9	7938842	8	8043757	8	8146220	7	27
34	7723642	8	7833330	8	7940611	8	8045485	7	8147907	6	26
35	7725490	7	7835128	7	7942379	7	8047212	6	8149593	5	25
36	7727337	6	7836935	6	7944146	6	8048938	6	8151278	5	24
37	7729183	5	7838741	6	7945912	6	8050664	5	8152963	4	23
38	7731028	4	7840547	5	7947678	5	8052389	5	8154647	3	22
39	7732872	4	7842352	5	7949443	5	8054114	4	8156330	3	21
40	7734716	3	7844157	4	7951208	4	8055838	3	8158013	2	20
41	7736559	3	7845961	3	7952972	3	8057561	2	8159695	1	19
42	7738402	2	7847764	2	7954735	2	8059283	2	8161376	1	18
43	7740244	1	7849566	2	7956497	2	8061005	1	8163057	1680	17
44	7742085	1	7851368	1	7958259	1	8062726	1	8164737	1679	16
45	7743926	1840	7853169	1	7960020	0	8064446	0	8166416	8	15
46	7745766	0	7854970	1800	7961780	1760	8066166	1719	8168094	8	14
47	7747606	1839	7856770	1799	7963540	1759	8067885	8	8169772	7	13
48	7749445	8	7858569	9	7965299	8	8069603	8	8171449	7	12
49	7751283	8	7860368	8	7967057	8	8071321	7	8173126	6	11
50	7753121	7	7862166	7	7968815	7	8073038	6	8174802	5	10
51	7754958	6	7863963	6	7970572	6	8074754	6	8176477	4	9
52	7756794	6	7865759	6	7972328	6	8076470	5	8178151	4	8
53	7758630	5	7867555	5	7974084	4	8078185	4	8179825	3	7
54	7760465	4	7869350	5	7975838	5	8079899	4	8181498	2	6
55	7762299	3	7871145	4	7977593	4	8081613	3	8183170	1	5
56	7764132	3	7872939	3	7979347	3	8083326	2	8184841	1	4
57	7765965	2	7874732	3	7981100	2	8085038	1	8186512	1670	3
58	7767797	2	7876525	2	7982852	2	8086749	1	8188182	1669	2
59	7769629	1	7878317	1	7984604	1	8089460	1710	8189851	9	1
60	7771460	1830	7880108	1790	7986355	1750	8090170	1709	8191520	8	0
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CANON SVBTENSARVM

	55		56		57		58		59		
1	8193188	1667	8292002	6	8383290	3	8482022	1540	8573171	7	59
2	8194855	7	8293623	5	8389873	3	8483562	0	8574668	6	58
3	8196522	6	8295253	4	8391456	2	8485102	1539	8576164	6	57
4	8198188	6	8296877	4	8393038	1	8486641	5	8577760	5	56
5	8199854	5	8298501	3	8394619	1580	8488180	8	8579355	4	55
6	8201519	4	8300127	2	8396195	1579	8489718	7	8580649	3	54
7	8203183	3	8301746	1	8397778	9	8491255	7	8582142	3	53
8	8204846	2	8303367	1620	8399357	8	8492791	5	8583635	2	52
9	8206508	2	8304987	0	8400935	8	8494326	4	8585127	2	51
10	8208170	1	8306607	1619	8402513	7	8495860	4	8586619	1	50
11	8209831	1650	8308226	8	8404090	6	8497394	3	8588110	1490	49
12	8211491	0	8309844	8	8405666	5	8498927	2	8589600	1489	48
13	8213151	1559	8311462	7	8407241	5	8500459	2	8591089	8	47
14	8214810	9	8313079	7	8408816	4	8501991	1	8592577	7	46
15	8216469	8	8314696	8	8410390	3	8503522	1530	8594064	7	45
16	8219127	7	8316312	5	8411963	3	8505052	0	8595551	6	44
17	8219784	6	8317927	4	8413536	2	8506582	1529	8597037	6	43
18	8221440	6	8319541	4	8415108	1	8508111	8	8598523	5	42
19	8223096	5	8321155	3	8416679	1	8509639	8	8500008	4	41
20	8224751	4	8322768	2	8418250	1570	8511167	7	8601492	3	40
21	8226405	3	8324380	1	8419820	1569	8512694	6	8602975	2	39
22	8228058	3	8325991	1	8421389	8	8514220	5	8604457	2	38
23	8229711	2	8327602	1610	8422957	8	8515745	5	8605939	1	37
24	8231363	2	8329212	0	8424525	7	8517270	4	8607420	1	36
25	8233015	1	8330822	1609	8426092	6	8518794	3	8608901	1480	35
26	8234666	1650	8332431	8	8427655	5	8520317	2	8610381	1479	34
27	8236316	1649	8334039	7	8429223	5	8521839	2	8611860	8	33
28	8237965	9	8335646	6	8430788	4	8523361	1	8613338	7	32
29	8239614	8	8337252	6	8432352	3	8524882	1520	8614815	7	31
30	8241262	7	8338858	5	8433915	3	8526402	1519	8616292	6	30
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31	8242909	7	8340463	4	8435477	2	8527921	1519	8617768	1475	29
32	8244556	6	8342067	4	8437039	1	8529440	8	8619243	5	28
33	8246202	5	8343671	3	8438609	1	8530958	8	8620718	4	27
34	8247847	5	8345274	3	8440161	1560	8532476	7	8622192	3	26
35	8249492	4	8346877	2	8441721	1559	8533993	6	8623665	2	25
36	8251136	3	8348479	1	8443280	8	8535509	5	8627137	1	24
37	8252779	2	8350080	1600	8444838	8	8537024	4	8626608	1	23
38	8254421	1	8351680	9	8446396	7	8538538	4	8628079	1470	22
39	8256062	1	8353279	1599	8447953	6	8540052	3	8629549	0	21
40	8257703	1640	8354878	8	8449509	5	8541565	2	8631019	1469	20
41	8259343	1639	8356476	7	8451064	4	8543077	1	8632488	8	19
42	8260982	9	8358073	7	8452618	4	8544588	1	8633956	7	18
43	8262621	8	8359670	6	8454172	3	8546099	0	8637423	6	17
44	8264259	8	8361266	6	8455725	3	8547609	1510	8636889	6	16
45	8265897	7	8362862	5	8457278	2	8549119	1509	8638355	5	15
46	8267534	6	8364457	4	8458830	1	8550628	8	8639820	4	14
47	8269170	6	8366051	3	8460381	1	8552136	7	8641284	4	13
48	8270806	5	8367644	2	8461932	1550	8553643	6	8642748	3	12
49	8272441	4	8369236	2	8463482	1549	8555149	6	8644211	2	11
50	8274075	3	8370828	1	8465031	8	8556655	5	8645673	1	10
51	8275708	2	8372419	1590	8466579	7	8558160	4	8647134	1	9
52	8277340	2	8374009	0	8468126	7	8559664	4	8648595	1460	8
53	8278972	1	8375599	1589	8469673	6	8561168	3	8650055	1459	7
54	8280603	1	8377188	8	8471219	6	8562671	2	8651514	9	6
55	8282234	1630	8378756	7	8472765	5	8564173	2	8652973	8	5
56	8283864	1629	8380363	7	8474310	4	8565675	1	8654431	7	4
57	8285493	8	8381950	6	8475854	3	8567176	1500	8655888	6	3
58	8287121	8	8383536	5	8477297	2	8568676	1499	8657344	5	2
59	8288749	7	8385121	5	8478939	2	8570175	8	8658799	5	1
60	8290376	6	8386706	4	8480481	1	8571673	8	8660254	4	0
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CANON SVBTENSARVM

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1	8651708	1414	8747607	1409	8831084	4	8911383	1319	8989215	4	59
2	8653162	3	8749016	9	8832205	4	8912704	9	8990489	3	58
3	8654615	2	8750425	8	8833565	3	8914023	8	8991762	3	57
4	8656067	1	8751833	7	8834932	3	8915341	8	8993035	2	56
5	8657518	1450	8753240	6	8836295	2	8916659	7	8994307	1	55
6	8663968	1449	8754646	5	8837657	1	8917976	7	8995578	1270	54
7	8670417	9	8756051	5	8839018	1360	8919292	5	8996848	1269	53
8	8671866	8	8757456	4	8840378	1359	8920607	4	8998117	9	52
9	8673314	8	8758860	3	8841737	8	8921921	3	8999386	8	51
10	8674762	7	8760263	2	8843095	7	8923234	2	9000654	7	50
11	8676209	6	8761665	2	8844452	7	8924546	2	9001921	6	49
12	8677655	5	8763067	1	8845809	6	8925858	1	9003187	6	48
13	8679100	4	8764468	1400	8847165	6	8927169	1310	9004453	5	47
14	8680544	4	8765868	0	8848521	5	8928479	0	9005718	4	46
15	8681988	3	8767268	1399	8849876	4	8929789	1309	9006982	3	45
16	8683431	3	8768667	8	8851230	3	8931098	8	9008245	3	44
17	8684874	2	8770065	7	8852583	3	8932406	8	9009508	2	43
18	8686316	1	8771462	7	8852936	2	8933714	7	9010770	1	42
19	8687757	1440	8772859	6	8855288	1	8935021	6	9012031	1	41
20	8689197	1439	8774255	5	8856639	1350	8936327	5	9013292	1260	40
21	8690636	8	8775650	4	8857989	1349	8937632	4	9014552	1259	39
22	8692074	8	8777044	3	8859338	9	8938936	4	9015811	8	38
23	8693512	7	8778437	3	8860687	8	8940240	3	9017069	7	37
24	8694949	7	8779830	2	8862035	8	8941543	2	9018326	8	36
25	8696386	6	8781222	1	8863383	7	8942845	1	9019584	6	35
26	8697822	5	8782613	1350	8864730	6	8944146	1300	9020838	5	34
27	8699257	4	8784003	9	8866076	5	8945446	0	9022093	4	33
28	8700691	3	8785393	1339	8867421	4	8946746	1299	9023347	3	32
29	8702124	3	8786782	9	8868765	3	8948045	9	9024600	3	31
30	8703557	2	8788171	8	8870108	3	8949344	8	9025853	2	30
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31	8704989	1	8739559	7	8871451	2	8950642	7	9027105	1	29
32	8706420	1	8790946	6	8872793	1	8951939	6	9028356	1250	28
33	8707851	1430	8792332	5	8874134	1	8953235	5	9029606	0	27
34	8709281	1435	8793717	5	8875475	1340	8954530	4	9030856	1249	26
35	8710710	8	8795102	4	8876815	1339	8955824	3	9032105	8	25
36	8712138	7	8796486	3	8878154	8	8957117	3	9033353	7	24
37	8713565	7	8787869	2	8879492	8	8958410	2	9034600	7	23
38	8714992	6	8799251	2	8880830	7	8959702	2	9035847	6	22
39	8716418	6	8800633	1	8882167	6	8960994	1	9037093	5	21
40	8717844	5	8802014	1380	8883503	5	8962285	1290	9038338	4	20
41	8719269	4	8803394	1379	8884838	4	8963575	1280	9039582	3	19
42	8720693	3	8804773	8	8886172	4	8964864	8	9040825	3	18
43	8722116	2	8806152	8	8887506	3	8966152	8	9042068	2	17
44	8723538	2	8807530	7	8888839	2	8967440	7	9043310	1	16
45	8724960	1	8808907	6	8890171	1	8968727	6	9044551	1240	15
46	8726381	1420	8810283	6	8891502	1	8969013	6	9045791	0	14
47	8727801	0	8811659	5	8892833	1330	8971299	5	9047031	1239	13
48	8729221	1419	8813034	4	8894163	1329	8972584	4	9048270	8	12
49	8730640	8	8814408	3	8895492	9	8973868	3	9049508	8	11
50	8732058	7	8815783	2	8896821	8	8975151	2	9050746	7	10
51	8733475	6	8817155	2	8898149	7	8976433	2	9051983	6	9
52	8734891	6	8818527	1	8899476	6	8977715	1	9053219	5	8
53	8736307	5	8819898	1370	8900802	5	8978996	1280	9054454	4	7
54	8737722	5	8821268	0	8902127	5	8980276	1279	9055688	4	6
55	8739137	4	8822638	1369	8903452	4	8981555	8	9056922	3	5
56	8730551	3	8824007	8	8904776	3	8982833	8	9058155	2	4
57	8741964	2	8825375	8	8906099	3	8984111	7	9059387	1	3
58	8743376	1	8826743	7	8907422	2	8985388	6	9060618	1230	2
59	8744787	1410	8828110	6	8908744	1	8986664	6	9061898	0	1
60	8746197	0	8829476	5	8910065	1320	8987940	5	9063078	1229	0
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CANON SVBTENSARVM

	65		66		67		68		69		
1	9064307	1228	9136638	2	9206185	5	9272928	9	9336846	1	59
2	9065535	8	9137820	1	9207321	5	9274017	8	9337887	1	58
3	9066763	7	9139001	0	9208456	4	9275105	7	9338928	1040	57
4	9067990	6	9140181	1180	9209590	3	9276192	6	9339969	1039	56
5	9069216	5	9141361	1179	9210723	2	9277278	5	9341007	8	55
6	9070443	4	9142540	8	9211855	1	9278363	5	9342045	7	54
7	9071665	4	9143718	7	9212986	1	9279448	4	9343084	7	53
8	9072889	3	9144895	7	9214117	1130	9280532	3	9344112	6	52
9	9074112	2	9146072	6	9215247	1129	9281615	2	9345155	5	51
10	9075334	1	9147248	5	9216376	8	9282697	1	9346190	4	50
11	9076555	0	9148423	4	9217504	7	9283778	1	9347224	3	49
12	9077775	1220	9149597	3	9218631	7	9284859	1080	9348257	2	48
13	9078995	1219	9150770	3	9219758	6	9285939	1079	9349289	2	47
14	9080214	8	9151943	2	9220884	6	9287018	8	9350321	1	46
15	9081432	8	9153115	1	9222010	5	9288096	7	9351352	1030	45
16	9082649	7	9154286	1	9223135	4	9289173	7	9352382	1029	44
17	9083866	6	9155457	1170	9224259	3	9290250	6	9353411	9	43
18	9085082	5	9156627	1169	9225384	2	9291326	5	9354440	8	42
19	9086297	5	9157796	8	9226504	1	9292401	5	9355468	7	41
20	9087512	4	9158964	7	9227625	1	9293476	4	9356495	6	40
21	9088726	3	9160131	6	9228746	1120	9294550	3	9357521	5	39
22	9089939	2	9161297	6	9229866	1119	9295623	2	9358546	5	38
23	9091151	1	9162463	5	9230985	8	9296695	1	9359571	4	37
24	9092362	1210	9163628	4	9232103	7	9297766	1070	9360595	3	36
25	9093572	1209	9164792	3	9233220	7	9298836	1069	9361618	2	35
26	9094781	9	9165955	2	9234337	6	9299905	9	9362640	2	34
27	9095990	8	9167117	2	9235453	5	9300974	8	9363662	1	33
28	9097198	8	9168279	1	9236568	4	9302042	7	9364683	1020	32
29	9098405	7	9169440	1	9237682	3	9303109	7	9365703	1019	31
30	9099613	6	9170601	1160	9238795	3	9304176	6	9366722	8	30
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31	9100819	5	9171761	1159	9239905	2	9305242	5	9367740	8	29
32	9102024	4	9172920	8	9241020	1	9306307	4	9368758	7	28
33	9103228	4	9174078	7	9242131	1	9307371	3	9369775	6	27
34	9104432	3	9175235	6	9243242	1110	9308434	3	9370791	5	26
35	9105635	2	9176391	6	9244352	1109	9309497	2	9371806	4	25
36	9106837	1	9177547	5	9245461	8	9310559	1	9372820	4	24
37	9108038	0	9178702	4	9246569	7	9311620	1060	9373834	3	23
38	9109238	1200	9179856	3	9247676	6	9312680	1059	9374847	2	22
39	9110438	1199	9181009	2	9248782	6	9313739	9	9375859	1	21
40	9111637	8	9182161	2	9249888	5	9314798	8	9376870	1010	20
41	9112835	7	9183313	1	9250993	4	9315856	7	9377880	1009	19
42	9114032	7	9184464	1150	9252097	3	9316913	6	9378889	9	18
43	9115229	6	9185614	1149	9253200	3	9317969	5	9379898	8	17
44	9116425	5	9186763	9	9254303	2	9319024	5	9380906	9	16
45	9117620	4	9187912	8	9255405	1	9320079	4	9381913	6	15
46	9118814	3	9189060	7	9256506	0	9321133	3	9382919	6	14
47	9120007	3	9190207	6	9257606	1100	9322186	2	9383925	5	13
48	9121200	2	9191353	6	9258706	1099	9323238	2	9384930	4	12
49	9122392	2	9192499	5	9259805	8	9324290	1	9385934	3	11
50	9123584	1	9193644	4	9260903	7	9325341	1050	9386937	2	10
51	9124775	1190	9194788	3	9262000	6	9326391	1049	9387939	2	9
52	9125965	1189	9195931	2	9263096	6	9327440	8	9388941	1	8
53	9127154	8	9197073	2	9264192	5	9328488	7	9389942	1000	7
54	9128342	7	9198215	1	9265287	4	9329535	7	9390942	999	6
55	9129529	7	9199356	1140	9266381	3	9330582	6	9391941	9	5
56	9130716	8	9200496	1139	9267474	2	9331628	5	9392940	8	4
57	9131902	5	9201635	9	9268566	2	9332673	4	9393938	7	3
58	9133087	4	9202774	8	9269658	1	9333717	4	9394935	6	2
59	9134271	4	9203912	8	9270749	1090	9334761	3	9395931	5	1
60	9135455	3	9205040	5	9271839	1089	9335804	2	9396926	7	0
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CANON SVBTENSARVM

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1	9397921	4	9456133	6	9511464	8	9563898	849	9613418	1	59
2	9398915	3	9457079	5	9512362	7	9564747	9	9614219	800	58
3	9399908	2	9458024	4	9513259	6	9565595	8	9615019	799	57
4	9400900	1	9458968	3	9514155	5	9566444	7	9615818	8	56
5	9401891	1	9459911	3	9515050	4	9567291	6	9616616	7	55
6	9402882	990	9460854	2	9515944	4	9568137	5	9617413	6	54
7	9403872	989	9461796	1	9516838	3	9568982	4	9618209	6	53
8	9404861	8	9462737	940	9517731	2	9569826	4	9619005	5	52
9	9405849	7	9463677	939	9518623	1	9570670	3	9619800	4	51
10	9406836	6	9464616	9	9519514	0	9571513	2	9623094	3	50
11	9407822	6	9465555	8	9520404	890	9572355	1	9621387	2	49
12	9408808	5	9466493	7	9521294	889	9573196	840	9622179	2	48
13	9409793	4	9467430	6	9522183	8	9574036	839	9622971	1	47
14	9410777	3	9468366	5	9523071	7	9574875	9	9623762	790	46
15	9411760	2	9469301	5	9523958	6	9575714	8	9624552	789	45
16	9412742	2	9470236	4	9524844	6	9576552	7	9625341	8	44
17	9413724	1	9471170	3	9525730	5	9577389	6	9626129	8	43
18	9414705	0	9472103	2	9526615	4	9578225	6	9626917	7	42
19	9415685	980	9473035	2	9527499	3	9579061	5	9627704	6	41
20	9416665	979	9473967	1	9528382	2	9579898	4	9628490	5	40
21	9417644	8	9474898	930	9529264	2	9580730	3	9629275	4	39
22	9418622	7	9475828	929	9530146	1	9581563	2	9630059	4	38
23	9419599	6	9476757	8	9531027	880	9582395	1	9630843	3	37
24	9420575	5	9477685	7	9531907	879	9583226	1	9631626	2	36
25	9421550	5	9478612	7	9532786	8	9584057	830	9632408	1	35
26	9422525	4	9479539	6	9533664	7	9584887	829	9633189	780	34
27	9423499	3	9480465	5	9534541	7	9585716	8	9633969	779	33
28	9424472	2	9481390	4	9535418	6	9586544	7	9634748	9	32
29	9425444	1	9482314	3	9536294	5	9587371	6	9635527	8	31
30	9426415	1	9483237	3	9537169	4	9588197	6	9636305	7	30
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31	9427386	970	9484160	2	9538043	4	9589023	5	9637082	6	29
32	9428356	969	9485082	1	9538917	3	9589848	4	9637858	5	28
33	9429325	8	9486003	920	9539790	2	9590672	3	9638633	5	27
34	9430293	7	9486923	919	9540662	1	9591495	3	9639408	4	26
35	9431260	7	9487842	9	9541533	870	9592318	2	9640182	3	25
36	9432227	6	9488761	8	9542403	869	9593140	1	9640955	2	24
37	9433193	5	9489679	7	9543272	9	9593961	820	9641727	1	23
38	9434158	4	9490596	6	9544141	8	9594781	819	9642498	0	22
39	9435122	3	9491512	5	9545009	7	9595600	9	9643268	770	21
40	9436085	3	9492427	4	9545876	6	9596415	8	9644038	769	20
41	9437048	2	9493341	4	9546742	5	9597235	7	9644807	8	19
42	9438010	1	9494255	3	9547607	5	9598054	6	9645575	7	18
43	9438971	960	9495168	2	9548472	4	9598870	5	9646342	6	17
44	9439931	959	9496080	1	9549336	3	9599685	4	9647108	5	16
45	9440890	9	9496991	1	9550199	2	9600495	4	9647873	5	15
46	9441849	8	9497902	910	9551061	1	9601313	3	9648638	4	14
47	9442807	7	9498812	909	9551922	1	9602126	2	9649402	3	13
48	9443764	7	9499721	8	9552783	860	9602936	1	9650165	2	12
49	9444720	6	9500629	7	9553643	859	9603749	810	9650927	2	11
50	9445676	5	9501536	7	9554502	8	9604559	809	9651689	1	10
51	9446631	4	9502443	6	9555360	7	9605368	9	9652450	760	9
52	9447585	3	9503349	5	9556217	7	9606177	8	9653210	759	8
53	9448538	2	9504254	4	9557074	6	9606985	7	9653969	8	7
54	9449490	1	9505158	3	9557930	5	9607792	6	9654727	7	6
55	9450441	1	9506061	2	9558785	4	9608598	5	9655484	6	5
56	9451392	950	9506963	2	9559639	3	9609403	5	9656240	6	4
57	9452342	949	9507865	1	9560492	3	9610208	4	9656996	5	3
58	9453291	8	9508766	900	9561345	2	9611012	3	9657751	4	2
59	9454239	7	9509666	899	9562197	1	9611815	2	9658505	3	1
60	9455186	7	9510565	9	9563048	850	9612617	1	9659258	2	0
	19		18		17		16		15		

CANON SVBTENSARVM

	75		76		77		78		79		
1	9660011	2	9703660	3	9744355	3	9782080	4	9816827	4	59
2	9660763	1	9704363	2	9745008	2	9782684	3	9817381	3	58
3	9661514	750	9705065	1	9745660	2	9783287	2	9817934	2	57
4	9662264	749	9705766	700	9746312	1	9783885	1	9818486	1	56
5	9663013	8	9706466	699	9746963	650	9784490	600	9819037	550	55
6	9663761	7	9707165	8	9747613	649	9785090	599	9819587	0	54
7	9664508	7	9707863	8	9748262	8	9785689	9	9820137	549	53
8	9665255	6	9708561	7	9748910	7	9786288	8	9820686	8	52
9	9666001	5	9709258	6	9749557	6	9786886	7	9821234	7	51
10	9666746	4	9709954	5	9750203	6	9787483	6	9821781	6	50
11	9667490	3	9710649	4	9750849	5	9788079	5	9822227	5	49
12	9668233	3	9711343	3	9751494	4	9788674	4	9822872	5	48
13	9668976	2	9712036	3	9752138	3	9789268	4	9823417	4	47
14	9669718	1	9712729	2	9752781	2	9789862	3	9823961	3	46
15	9670459	740	9713421	1	9753423	2	9790455	2	9824504	2	45
16	9671199	739	9714112	690	9754065	1	9791047	1	9825046	1	44
17	9671938	9	9714802	689	9754706	640	9791638	0	9825587	1	43
18	9672677	8	9715491	9	9755346	639	9792228	590	9826128	549	42
19	9673415	7	9716180	8	9755985	8	9792818	589	9826668	539	41
20	9674152	6	9716868	7	9756623	7	9793407	8	9827207	8	40
21	9674888	5	9717555	6	9757260	7	9793995	7	9827745	7	39
22	9675623	4	9718241	5	9757897	6	9794582	6	9828282	6	38
23	9676357	4	9718926	4	9758533	5	9795168	5	9828818	6	37
24	9677091	3	9719610	4	9759168	4	9795753	4	9829354	5	36
25	9677824	2	9720294	3	9759802	3	9796337	4	9829889	4	35
26	9678556	1	9720977	2	9760435	2	9796921	3	9830423	3	34
27	9679287	730	9721659	1	9761067	2	9797504	2	9830956	2	33
28	9680017	0	9722340	680	9761699	1	9798086	1	9831488	1	32
29	9680747	729	9723020	679	9762330	630	9798667	0	9832019	0	31
30	9681476	8	9723699	9	9762960	620	9799247	580	9832540	530	30
	14		13		12		11		10		

	75		76		77		73		79		
31	9682204	7	9724378	8	9763589	8	9799827	570	9833079	52	
32	9682931	6	9725056	7	9764217	8	9800400	8	9833608	8	
33	9683657	6	9725733	6	9764845	7	9800984	7	9834136	7	2
34	9684383	5	9726409	6	9765472	6	9801561	6	9834663	6	2
35	9685108	4	9727085	5	9766096	5	9802137	5	9835189	5	2
36	9685832	3	9727760	4	9766723	4	9802712	5	9835714	5	2
37	9686555	2	9728434	3	9767347	3	9803287	4	9836239	4	2
38	9687277	1	9729107	2	9767970	3	9803861	3	9836763	3	2
39	9687998	1	9729779	1	9768593	2	9804434	2	9837286	2	2
40	9688719	720	9730450	670	9769215	1	9805006	1	9837808	1	2
41	9689439	719	9731120	669	9769836	620	9805577	570	9838329	1	15
42	9690158	8	9731789	9	9770456	619	9806147	569	9838850	520	15
43	9690876	7	9732458	8	9771075	8	9806716	9	9839370	519	17
44	9691593	6	9733126	7	9771693	8	9807285	8	9839889	8	16
45	9692309	6	9733793	6	9772311	7	9807853	7	9840407	7	15
46	9693025	5	9734459	5	9772928	6	9808420	6	9840924	6	14
47	9693740	4	9735124	5	9773544	5	9808986	5	9841440	6	13
48	9694454	3	9735789	4	9774159	4	9809551	5	9841956	5	12
49	9695167	2	9736453	3	9774773	4	9810116	4	9842471	4	11
50	9695879	1	9737116	2	9775387	3	9810680	3	9842985	3	10
51	9696590	1	9737778	1	9776000	2	9811243	2	9843498	2	9
52	9697301	710	9738439	660	9776612	1	9811805	1	9844010	1	8
53	9698011	709	9739099	0	9777223	610	9812366	0	9844521	1	7
54	9698720	8	9739759	659	9777833	609	9812926	560	9845032	510	6
55	9699428	7	9740418	8	9778442	8	9813486	559	9845542	509	5
56	9700135	7	9741076	7	9779050	8	9814045	8	9846051	8	4
57	9700842	6	9741733	6	9779656	7	9814603	7	9846559	7	3
58	9701548	5	9742389	6	9780265	6	9815160	6	9847066	6	2
59	9702253	4	9743045	5	9780871	5	9815716	6	9847572	6	1
60	9702957	3	9743700	5	9781476	4	9816272	5	9848078	5	0
	14		13		12		11		10		

CANON SVBTENSARVM

	80		81		82		83		84		
1	9848583	4	9877338	4	9903085	4	9925816	3	9945523	3	59
2	9849087	3	9877792	3	9903489	3	9926169	2	9945826	2	58
3	9849590	2	9878245	2	9903892	2	9926521	2	9946128	1	57
4	9850092	1	9878697	1	9904294	1	9926873	1	9946429	300	56
5	9850593	0	9879148	0	9904695	400	9927224	350	9946729	299	55
6	9851093	500	9879598	450	9905095	399	9927574	349	9947028	9	54
7	9851593	499	9880048	449	9905494	9	9927923	8	9947327	6	53
8	9852092	8	9880497	8	9905893	8	9928271	7	9947625	8	52
9	9852590	7	9880945	7	9906291	7	9928618	7	9947922	7	51
10	9853087	6	9881392	6	9906688	6	9928965	6	9948218	5	50
11	9853583	6	9881838	5	9907084	5	9929311	5	9948513	4	49
12	9854079	5	9882283	5	9907479	4	9929656	4	9948807	3	48
13	9854574	4	9882728	4	9907873	3	9930000	3	9949100	3	47
14	9855068	3	9883172	3	9908266	3	9930343	2	9949393	2	46
15	9855561	2	9883615	2	9908659	2	9930685	1	9949685	1	45
16	9856053	1	9884057	1	9909051	1	9931028	1	9949976	290	44
17	9856544	1	9884498	0	9909442	390	9931367	340	9950266	289	43
18	9857035	490	9884938	440	9909832	389	9931707	339	9950555	9	42
19	9857525	489	9885378	439	9910221	9	9932046	8	9950844	8	41
20	9858014	8	9885817	8	9910610	8	9932384	7	9951132	7	40
21	9858502	7	9886255	7	9910998	7	9932721	6	9951419	6	39
22	9858989	6	9886692	6	9911385	6	9933057	6	9951705	5	38
23	9859475	6	9887128	6	9911771	5	9933393	5	9951990	4	37
24	9859961	5	9887564	5	9912156	4	9933728	4	9952274	3	36
25	9860446	4	9887999	4	9912540	3	9934062	3	9952557	3	35
26	9860930	3	9888433	3	9912923	3	9934395	2	9952840	2	34
27	9861413	2	9888866	2	9913306	2	9934727	1	9953122	1	33
28	9861895	1	9889298	1	9913688	1	9935058	1	9953403	280	32
29	9862376	0	9889729	430	9914069	380	9935389	330	9953683	279	31
30	9862856	480	9890159	429	9914449	379	9935719	329	9953962	8	30
	9		8		7		6		5		

	80		81		82		83		84		
31	9863336	479	9890538	9	9914828	8	9936048	8	9954240	8	29
32	9863815	8	9891017	8	9915206	8	9936376	7	9954518	7	28
33	9864293	7	9891445	7	9915584	7	9936703	6	9954795	6	27
34	9864770	6	9891872	6	9915961	6	9937029	6	9955071	5	26
35	9865246	6	9892298	5	9916337	5	9937355	5	9955346	4	25
36	9865722	5	9892723	4	9916712	4	9937680	4	9955620	3	24
37	9866197	4	9893147	4	9917086	3	9938004	3	9955893	2	23
38	9866671	3	9893571	3	9917459	3	9938327	2	9956165	2	22
39	9867144	2	9893994	2	9917832	2	9938649	1	9956437	1	21
40	9867616	1	9894416	1	9918204	1	9938970	320	9956708	270	20
41	9868087	0	9894837	0	9918575	370	9939290	319	9956978	269	19
42	9868557	470	9895257	420	9918945	369	9939609	9	9957247	8	18
43	9869027	469	9895677	419	9919314	8	9939928	8	9957515	7	17
44	9869496	8	9896096	8	9919682	7	9940246	7	9957782	7	16
45	9869964	7	9896514	7	9920049	7	9940563	6	9958049	6	15
46	9870431	6	9896931	6	9920416	6	9940879	5	9958315	5	14
47	9870897	5	9897347	5	9920782	5	9941194	5	9958580	4	13
48	9871362	5	9897762	5	9921147	4	9941509	4	9958844	3	12
49	9871827	4	9898177	4	9921511	3	9941823	3	9959107	3	11
50	9872291	3	9898591	3	9921874	2	9942136	2	9959370	2	10
51	9872754	2	9899004	2	9922236	2	9942448	1	9959632	1	9
52	9873216	1	9899416	1	9922598	1	9942759	310	9959893	260	8
53	9873677	0	9899827	410	9922959	360	9943069	0	9960153	259	7
54	9874137	460	9900237	409	9923319	359	9943379	309	9960412	8	6
55	9874597	459	9900646	9	9923678	8	9943688	8	9960670	7	5
56	9875056	8	9901055	8	9924036	7	9943996	7	9960927	6	4
57	9875514	7	9901463	7	9924393	7	9944303	6	9961183	5	3
58	9875971	6	9901870	6	9924750	6	9944609	5	9961438	5	2
59	9876427	6	9902276	5	9925106	5	9944914	5	9961693	4	1
60	9876883	5	9902681	4	9925461	5	9945219	4	9961947	3	0
	9		8		7		6		5		

CANON SVBTENSARVM

	85		86		87		88		89		
1	9962200	2	9975843	2	9986447	1	9994009	100	9998527	49	59
2	9962452	1	9976045	1	9986598	150	9994109	99	9998576	9	58
3	9962703	1	9976246	200	9986748	149	9994208	9	9998625	8	57
4	9962954	250	9976449	199	9986897	8	9994307	8	9998673	7	56
5	9963204	249	9976645	8	9987045	8	9994405	7	9998720	6	55
6	9963453	8	9976843	7	9987193	7	9994502	6	9998766	5	54
7	9963701	7	9977040	7	9987340	6	9994598	5	9998811	4	53
8	9963948	6	9977237	6	9987486	5	9994693	4	9998855	4	52
9	9964194	6	9977433	5	9987631	4	9994787	4	9998899	3	51
10	9964440	5	9977628	4	9987775	3	9994881	3	9998942	2	50
11	9964685	4	9977822	3	9987918	3	9994974	2	9998984	1	49
12	9964929	3	9978015	2	9988061	2	9995066	1	9999025	40	48
13	9965172	2	9978207	1	9988203	1	9995157	90	9999065	39	47
14	9965414	1	9978398	1	9988344	140	9995247	89	9999104	9	46
15	9965655	0	9978589	190	9988484	139	9995336	8	9999143	8	45
16	9965895	240	9978779	189	9988623	8	9995424	8	9999181	7	44
17	9966135	239	9978968	8	9988761	8	9995512	7	9999218	6	43
18	9966374	8	9979156	7	9988899	7	9995599	6	9999254	5	42
19	9966612	7	9979343	7	9989036	6	9995685	5	9999289	4	41
20	9966849	6	9979530	6	9989172	5	9995770	4	9999323	3	40
21	9967085	5	9979716	5	9989307	4	9995854	3	9999356	3	39
22	9967320	5	9979901	4	9989441	3	9995937	2	9999389	2	38
23	9967555	4	9980083	3	9989574	2	9996019	2	9999421	1	37
24	9967789	3	9980268	2	9989706	1	9996101	1	9999452	30	36
25	9968022	2	9980450	1	9989837	1	9996182	80	9999482	29	35
26	9968254	1	9980631	180	9989968	130	9996262	79	9999511	8	34
77	9968485	230	9980811	0	9990098	129	9996341	8	9999539	7	33
28	9968715	229	9980991	179	9990227	8	9996419	7	9999566	7	32
29	9968944	9	9981170	8	9990355	7	9996496	7	9999593	6	31
30	9969173	8	9981348	7	9990482	6	9996573	6	9999619	5	30
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IN CIRCVLO RECTARVM LINEARVM.

	85		86		87		88		89		
31	9969401	7	9981525	6	9991608	6	9996649	5	9999644	4	29
32	9969628	6	9981701	6	9991734	5	9996724	4	9999668	3	28
33	9969854	5	9981877	5	9990859	4	9996798	3	9999691	2	27
34	9970079	5	9982052	4	9990983	3	9996871	2	9999713	2	26
35	9970304	4	9982226	3	9991106	2	9996943	1	9999735	1	25
36	9970528	3	9982399	2	9991228	1	9997014	1	9999756	20	24
37	9970751	2	9982571	1	9991349	1	9997085	70	9999776	19	23
38	9970973	1	9982742	0	9991470	120	9997155	69	9999795	8	22
39	9971194	220	9982912	170	9991590	0	9997224	8	9999813	7	21
40	9971414	219	9983082	169	9991770	119	9997292	7	9999830	6	20
41	9971633	8	9983251	8	9991827	8	9997359	6	9999846	6	19
42	9971851	8	9983419	7	9991944	6	9997425	6	9999862	5	18
43	9972096	7	9983586	6	9992060	5	9997491	5	9999877	4	17
44	9972286	6	9983752	5	9992175	5	9997556	4	9999891	3	16
45	9972502	5	9983917	4	9992290	4	9997620	3	9999904	1	15
46	9972717	4	9984081	4	9992404	3	9997683	2	9999916	1	14
47	9972931	4	9984245	3	9992517	2	9997745	1	9999927	1	13
48	9973145	3	9984408	2	9992629	1	9997806	1	9999938	10	12
49	9973358	2	9984570	1	9992740	110	9997867	60	9999948	9	11
50	9973570	1	9984731	160	9992850	0	9997927	59	9999957	8	10
51	9973781	210	9984891	159	9992960	109	9997986	8	9999965	7	9
52	9973991	209	9985050	9	9993069	8	9998044	7	9999972	6	8
53	9974200	8	9985209	8	9993177	7	9998101	6	9999978	6	7
54	9974408	7	9985367	7	9993284	6	9998157	5	9999984	5	6
55	9974615	7	9985524	6	9993390	5	9998212	5	9999989	4	5
56	9974822	6	9985680	5	9993495	4	9998267	4	9999993	3	4
57	9975028	5	9985835	4	9993599	4	9998321	3	9999996	2	3
58	9975233	4	9985989	4	9993703	3	9998374	2	9999998	1	2
59	9975437	3	9986143	2	9993806	2	9998426	1	9999999	1	1
60	9975640	3	9986295	2	9993908	1	9998477	5[illegible]	0000000	0	0
	4		3		2		1		0		

FINIS.

Coll. Cowpl

Biblioteka Jagiellońska
stdr0034529